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EVALUATION OF WILDLIFE HABITAT IN CENTRAL ILLINOIS, 1940 vs. 1970

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Financial Support:

Illinois Department of Conservation
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Southern Illinois University at Carbondale

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EVALUATION OF WILDLIFE HABITAT IN CENTRAL ILLINOIS, 1940 VS 1970

Wildlife, as a product of the land, is greatly affected by its use and inherent productivity (Bennett 1950). Consequently, knowledge of land-use patterns and changes is vital to an understanding of the distribution and abundance of wildlife. The purpose of this study was to detect and quantify changes in land use in a 42-county area of central Illinois from approximately 1940 to 1970. The current investigation is part of a larger study of land-use change over the entire State. Results from a 34-county area in southern Illinois have been previously reported (Roseberry et al. 1975) while investigation of the northern portion of the State is planned for the near future.

Data were obtained from visual examination of ca. 1940 and ca. 1970 aerial photographs of the same sample sections. Aerial photographs have proven useful in assessing both spatial (Leedy 1948) and temporal (Murtha 1967) differences in habitat conditions. However, it is recommended that consideration be given to the rapidly developing technology of computer interpretation of satellite imagery as a future means of monitoring Illinois' wildlife habitat resources.

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STUDY AREAS AND METHODS

Sampling Techniques

Forty-two counties were included in the central Illinois area under investigation. Because acreage determination by a dot grid is very time consuming, only nine sample counties were selected for study. Study counties were not selected randomly, but were chosen on the basis of soil type, farming type and geographic distribution. Soil type and productivity have an important effect on wildlife (Albrecht 1949, Crawford 1950) thus were important considerations for choosing counties to study. The soils of Illinois can be generally categorized into four groups: grassland, forest, terrace and bottomland soils (Ross and Case 1956:8-11); all were represented in study counties. The type of farming most characteristic of individual counties was also a criterion for choosing study counties. Five basic farming types were represented in central Illinois: cash grain - corn and oats, cash grain - corn and soybeans, cash grain - corn, soybeans and wheat, general farming, and livestock and grain (Ross and Case 1956:32-33). Table 1 reports the general soil type, soil productivity, and farming type for each study county. Selected counties were chosen so as to be non-adjacent to each other or to the counties studied in southern Illinois (Fig. 1).

The nine study counties are reasonably representative of the entire 42-county region in a practical sense. Because statistical inference to the total area demands that selection of samples be random, the study counties cannot be considered statistically representative.

Approximately 10 percent of each county was examined after preliminary investigation determined this to be an appropriate sample size in

Table 1. General soil type, soil productivity, and farming types in the central Illinois study counties.¹

County	Soil type	Soil productivity	Farming type
Brown	Forest Bottomland	Medium to low	General farming
Christian	Grassland	High	Corn, soybeans, wheat
DeWitt	Grassland Forest	High to very high	Corn, soybeans
Douglas	Grassland	High to very high	Corn, soybeans
Ford	Grassland	Medium to high	Corn, oats
Mason	Terrace Bottomland Grassland	Medium to low	Corn, soybeans, wheat
Morgan	Forest Bottomland Grassland	Medium to high	Corn, soybeans, wheat General Farming
Warren	Grassland Forest	Medium to very high	Livestock and grain
Woodford	Bottomland Grassland	Medium to high	Corn, oats

¹Source: Ross and Case, 1956:10, 32-35.

the southern Illinois study (Roseberry et al. 1975:19-20). The sample unit was one square mile (640 acres); in most cases, equivalent to the General Land Office (GLO) section. The individual sections, as delineated by GLO Surveying, were numbered sequentially. Sections to be studied were drawn from a random number table until about 10 percent of the county was represented. Adjacent sections were not accepted in order to avoid duplication of sample areas due to the rotation of the modified acreage grid (explained in a later section). If a selected section was located along a county border, it was accepted even though a part of the section might have been outside of the sample county. This procedure insured sampling of county borders and was especially important when such borders were defined by rivers or other significant physiographic features.

Selected sections were located and examined on aerial photographs taken by the Agricultural Stabilization and Conservation Service (ASCS) of the United States Department of Agriculture (USDA) in the years 1938-1941 and 1966-1969. Photographs were obtained from the University of Illinois Map Library at Urbana and from the ASCS Eastern Aerial Photography Laboratory in Asheville, North Carolina (recently consolidated with the Western Aerial Photography Laboratory and located in Salt Lake City, Utah). Some of the 1938-1941 photographs from the University of Illinois were annotated as to township, range and section. On those photographs which were not annotated, study sections were located via county composite aerial photographs, county platt books, general county highway maps and United States Geological Survey topographic maps.

A dot grid overlay was used for acreage determination after procedures established during the southern Illinois study (Roseberry et al. 1975:4) indicated it to be the preferable method. Avery (1968:80-81)

stated that an acreage/dot conversion near 1.00 was preferable with tracts of land 1 mile square or less. During the current study, we used a grid of 576 dots per square mile with a resulting conversion of 1.1111 acres/dot. Because of the more heterogenous nature of land use, a grid of 1024 dots per square mile (0.625 acres/dot) was used during the southern Illinois study (Roseberry et al. 1975:4). A pilot investigation of Jefferson County to replicate results of the southern Illinois study showed a discrepancy of less than 3 percent using the grid of 576 dots instead of 1024 dots. The percentage of error decreased with experience in analyzing and interpreting aerial photographs.

All photographs utilized were of the fractional scale 1:20,000. Photographs more recent than 1969 were available for some of the study counties at a scale of 1:40,000. This scale was too small to adequately show fencerows, right-of-ways, grassed waterways and other small parcels of land that would be important to wildlife, thus important to our study. While the photos were all generally of the 1:20,000 scale, some size variation existed due to variation in ground elevation, flight altitude, speed, flight patterns and the effects of wind (Baker 1960:27-29, Leedy 1948). This difficulty was overcome by using dot grid overlays that varied in size as the photographs varied. These dot grids, which were photographically produced by the Cartiographic Laboratory of the Department of Geography at SIU-C, facilitated sampling of photographs of varying size at the same intensity.

After a sample section was located on the photograph, the dot grid was placed so that the center of the grid coincided with the center of the section as delineated by the GLO surveys. If the section was not square, the center was located at the intersection of diagonals drawn

from the corners of the section. The dot grid was then rotated counter-clockwise to an angle of 26.5° from vertical in order to reduce the influence of north-south, east-west orientation of roads and fields. This rotation of the grid would have caused the previously mentioned duplication of sample areas had adjacent sections been accepted. The rotation angle of 26.5° was chosen for ease of placement of the dot grid on the photograph and was used consistently throughout the study. Sample sections were referenced by the GLO nomenclature; however, only the exact center of the section corresponded to the GLO system. All sample sections were exactly 640 acres.

Data Collection

Land use, as identified from aerial photographs, was classified into 15 categories (after Roseberry et al. 1975:5). These categories were field crops, permanent pasture, forest, orchard, old field, hedgerow, wetland, buildings, roads, railroads, water, right-of-way, urban areas, stripmined land; and all other lands. Identification of different types of vegetation on the aerial photographs was quite subjective. Bomberger and Dill (1960:561) stated that photographs of scales 1:15,840 to 1:20,000 are satisfactory for land use surveys and generalized mapping but are not adequate for crop identification. For the latter purpose, photographs of 1:10,000 or larger are needed. Recognition of land-use categories during our study was accomplished by evaluation of the relationships among shape, dimension, tone, texture, pattern, location and association with other features on the photographs (Spurr 1960:233-235, Lord and McLean 1969).

The field crop category was recognized by a generally light color, medium to rough texture, and patterns of parallel lines from tillage practices. Row crops, small grains, hay, and miscellaneous crops were included in this category. Hayfields were included because planting and mowing practices produced a pattern of linear rows on the photographs (Goodman 1964) similar to other field crops. Recently fallowed fields or lands in federal set-aside programs were also included in the field crop category because no small shrubs were present and the vegetation had not yet obscured evidences of tillage. Grain fields with the harvested crop in shocks sometimes resembled orchard land, but could be identified by slightly irregular rows and spacings between shocks; whereas orchards had an even grid-like appearance. Breakdown of the field crop category into individual crops is desirable (Brunnschweiler 1957, Goodman 1964) but very difficult from photographs of the 1:20,000 scale or photographs taken at different seasons of the year. Misidentification of field crops most likely involved mistaking hayfields, fallow fields or small grains for pasture and/or old field areas.

Pasture lands appeared on photographs as areas with irregular patches of lighter tones and dots in a basically dark area. Fences, irregular tree growth, cattle trails and proximity to farm buildings were also indicators of pasture land (Brunnschweiler 1957).

Old fields and idle lands were the most difficult to identify. Aldrich (1953) found that photo interpreters misidentified idle lands in more than 73 percent of the cases on 1:20,000 scale photographs taken in the winter or early spring. Lands recently fallowed had the appearance of unkept or lightly grazed pastures, whereas later old field stages were hard to differentiate from wooded areas. The point in time when idle

land is no longer considered an old field but is designated a wooded area is somewhat arbitrary. During our study, subjective judgement was used to place those areas with crown cover less than 50 percent in the old field category and those areas with crown cover greater than 50 percent in the forested category.

Forested areas were easily distinguishable because they appeared as a very dark area on the photograph and had a very rough, almost woolly, texture. The edges of woodlots often revealed shadows when adjacent vegetation was of a much lower height. Pastured woodlands with a complete crown cover were indistinguishable from nonpastured woodlands. If there was clear evidence of grazing, such as trails or erosion at nearby water areas, the woodlot was included in the pasture category.

Hedgerows, classified according to Roseberry et al. (1975), included any strip of woody vegetation not greater than 80 feet wide located at fences, field borders, roadsides and waterways. Strips of vegetation as narrow as 5 feet could be recognized on the photographs.

Buildings, urban areas, roads, and railroads were readily apparent on aerial photographs. Topographic and highway maps were consulted to provide assurance that these categories were correctly identified. Farm buildings were defined as the structures themselves together with associated grounds such as feedlots, lawns and parking areas. Roads and railroads were defined as the roadbeds only; associated ditches, slopes and vegetation were placed in the right-of-way category. Urban areas, while easy to identify, were sometimes difficult to delineate. This study defined the urban category as those areas within or next to the city street system plus those urban fringe areas along roadways extending out of town.

The right-of-way category included those areas adjacent to roads, railroads, power lines and pipelines covered with non-woody vegetation. In agricultural areas, grassy waterways and similar conservation practices utilizing grassy vegetation were included in this category.

No stripmined lands were sampled during this study. Gravel pits and quarries were placed in the "other lands" category.

The water category included areas covered by permanent water such as lakes, streams, rivers and ponds. The Illinois River was considered a unique feature and was placed in the "other lands" category. Wetlands were usually difficult to identify because they were covered by forests or non-woody vegetation; thus our estimate for this category is probably conservative. The areas defined as wetlands were first located on topographic maps, then delineated on the photographs for the purpose of acreage estimation.

The category of "other lands" included areas of heavy human use and were basically unvegetated, mowed, and unsuitable for wildlife habitat. In this study, the "other lands" category included oil pumps, pumping stations and wells, racetracks, cemeteries, railroad yards, sewage treatment facilities, the Illinois River, grain bins, gravel pits, a deep mine operation and junk yards.

For the purpose of presentation and discussion, an additional category, "nonhabitat", was created which included buildings, roads, railroads, urban and the "other lands" categories. Amounts of the individual land-use types comprising this category are presented in Appendix A.

The interspersions of cover types and the resulting edges are important to most species of wildlife (Leopold 1931). In order to evaluate this habitat feature in the central Illinois study area, an interspersions

index (adapted from Baxter and Wolfe 1972) was computed for each study section. The number of land-use changes (point where two cover types meet) was counted along two perpendicular one-mile transects intersecting at the center of the GLO section under consideration. Each land-use change was counted except in the case of very narrow fencerows, where only one change was recorded. The width of hedgerows was measured with an ocular micrometer on a 9X dissecting microscope as described by Roseberry et al. (1975). Hedgerows narrower than 10 feet (approximately 3 m) were considered to provide only one edge.

Data regarding cropland acreages for the nine study counties were collected for 1938 to 1973 from the Illinois Cooperative Crop Reporting Service (Appendix B). Several publications from this agency list acreages of field crops and these sources often reported conflicting figures. For the sake of consistency, most data were taken from the Assessors' Annual Farm Census for the years considered. Data for the major crops were taken from Circular 446, "County Estimates, Twenty Years Ending Jan. 1, 1945" (1951) and "Field Crops by County, 1945-1965" (1968); both publications of the Illinois Cooperative Crop Reporting Service. Recorded for each year and county were the number of farms, acreages of corn, soybeans, small grains (wheat, oats, rye and barley), all hay, pastured plowland, other pasture, other lands, and the number of fruit trees. The plowland pastured category referred to lands of potentially croplable grade that were used for pasture in that year. The "other pasture" category has been reported only since 1951 and included all land not of croplable grade used for pasture. Prior to 1951, "other pasture" was included in the "other lands" category which also included roads, farmsteads, woodlots, ponds and other miscellany. Data concerning the ASCS set aside

program were acquired via communication with the ASCS state office in Springfield.

Estimates of forested acreage in Illinois as of 1940 and 1962 were obtained from King and Winters (1952) and Essex and Gansner (1965), respectively. An estimate of the forested acreage in each county as of 1970 was obtained by extrapolation from a line through the 1940 and 1962 points. The water acreage estimates for each Illinois county were obtained from Lopinot (1973).

Data Analysis

Following conversion of dot counts to acreages, amounts of each land-use type and identification of each sample section were punched on computer cards. A computer program adapted from Roseberry et al. (1975), accomplished data checks, tabulations and statistical analysis.

Characteristics of the data, primarily the absence of normality and homogeneity of variance, precluded use of parametric statistical means of hypothesis testing (Roseberry et al. 1975:11-12). Instead, a non-parametric test, the Wilcoxon Matched-pairs, Signed-ranks test (Siegel 1956:75) was used to assess the probability of observed changes being due to chance. A Chi square test in a 2x2 contingency table was used to determine if change in one land use was related to change in any other. An alpha level of 0.05 was chosen to establish statistical significance for both tests.

RESULTS

Population Trends

Characteristics of human populations for each county as of 1940 and 1970 are shown in Table 2. Brown County was the least populated in both years while Morgan County was the most populated. The study counties were representative of the entire area with respect to amount and change of rural farm and rural non-farm populations but underestimated the urban population. The study counties increased 40.4 percent in urban population whereas the entire area increased 65.3 percent. This discrepancy occurred because none of the major population centers in central Illinois were represented (Bloomington in McLean County, Champaign-Urbana in Champaign County, Decatur in Macon County, Peoria in Peoria and Tazewell Counties and Springfield in Sangamon County).

The rural non-farm population of the study counties rose 30.4 percent during the period. An increase was shown by all counties except Mason which remained essentially unchanged and Ford which declined 8.3 percent. The reclassification of Gibson City (1940 population 2400) from rural non-farm to urban more than accounted for the net loss of 446 in the former category from 1940 to 1970. The greatest increase in the rural non-farm category (102 percent) occurred in Woodford County.

The rural farm segment of the population declined by 52.9 percent during the 30-year span. This decline was characteristic of all counties in the sample and ranged from 38.7 percent in Mason to 61.0 percent in Brown.

Table 2. Population density per square mile for nine central Illinois study counties, 1940 and 1970.¹

County	Urban ²		Rural Non-farm ³			Rural Farm			Total	
	1940	1970	Percent Change	1940	1970	Percent Change	1940	1970	Percent Change	1940 1970
Brown	0	0	0	11.1	12.3	+10.8	15.1	5.9	-61.0	26.2 18.2 -30.6
Christian	20.1	24.1	+19.9	17.8	20.1	+12.9	16.5	6.5	-60.6	54.4 50.7 - 6.8
DeWitt	15.9	19.0	+19.5	13.3	15.9	+19.5	16.5	7.7	-53.3	45.7 42.5 - 7.0
Douglas	6.8	14.7	+116.2	18.6	23.8	+27.9	16.5	6.7	-59.4	41.9 45.2 + 7.9
Ford	6.4	16.0	+150.0	10.9	10.0	- 8.3	13.4	7.6	-43.3	30.8 33.6 + 9.1
Mason	7.4	13.1	+77.0	9.9	10.0	+ 1.0	11.1	6.8	-38.7	28.4 29.9 + 5.3
Morgan	33.4	39.1	+17.1	11.5	14.0	+21.7	16.3	7.3	-55.2	61.1 60.8 - 0.5
Warren	17.1	20.3	+18.7	7.2	11.2	+55.6	15.0	8.3	-44.6	39.3 32.8 + 1.3
Woodford	0	5.7	-	19.5	39.4	+102.1	16.7	7.9	-52.7	36.2 53.1 +46.7
Nine County Study Area	13.1	18.4	+40.4	13.5	17.6	+30.4	15.3	7.2	-52.9	41.9 43.2 + 3.1
42 County Region	26.8	44.3	+65.3	15.3	19.9	+30.4	15.7	7.4	-52.9	57.8 71.6 +23.9

¹ Source: U.S. Bureau of the Census, 1943: 500-505, 546-552, 553-560 and 1973: 87-88, 789-796, 805-812.

² Urban population was calculated by subtracting farm and rural non-farm populations from the total.

³ People living in communities under 2500 or in rural areas but not on farms.

The total population of the nine counties increased 3.1 percent over the 30-year period compared to 23.9 percent for the entire central Illinois region. Changes ranged from a 30.6 percent decline in Brown County to a 46.7 percent increase in Woodford County (Table 2).

Data on the number and size of farms were taken from CRS records (Tables 1-10, Appendix B) and are summarized for 1940 and 1970 in Table 3. A decline was evident in the number of farms in all counties and varied from 37.5 percent in Woodford to 49.1 percent in Brown. A decline of 43.4 percent was recorded for the entire 9-county area which is the same as recorded for 10 study counties in southern Illinois (Roseberry et al. 1975:16). The acreage in farms declined also, but not nearly as much as the number of farms (4.6 percent decline in acreage). The above would seem to indicate an increase in the size of individual farms and indeed, this was verified by data in Table 4 which shows an overall increase of 70.3 percent.

In southern Illinois, Roseberry et al. (1975:16) found little apparent relationship between CRS farm data and U.S. Bureau of Census rural farm population estimates. Among individual counties in central Illinois, however, a significant correlation ($r=+0.87$) existed between the number of farms per square mile and the farm population density for 1940. Correlation between these variables was not significant ($r=+0.46$) in 1970. The relationship between the proportion of an individual county in farms and its corresponding rural population density was not significant for 1940 ($r=+0.46$) but was nearly significant in 1970 ($r = +0.61$; $.10 > P > .05$). Both of these variables declined during the period but the area of farms declined much less (4.6 percent) than did the rural farm population (52.9 percent).

Table 3. Farms and percent of study counties in farms, based on assessors' records.¹

County	Farms per square mile			Percent of county in farms		
	1940	1970	Percent Change	1940	1970	Percent Change
Brown	3.52	1.79	-49.1	92.1	85.3	- 6.8
Christian	3.44	1.77	-48.5	93.0	87.5	- 5.5
DeWitt	3.60	2.01	-44.2	94.8	91.2	- 3.6
Douglas	3.19	1.95	-38.9	92.9	91.5	- 1.4
Ford	3.00	1.79	-40.3	95.5	94.4	- 1.1
Mason	2.28	1.29	-43.4	86.7	86.0	- 0.7
Morgan	3.17	1.69	-46.7	89.4	84.2	- 5.2
Warren	3.22	1.97	-39.4	94.7	93.5	- 1.2
Woodford	3.47	2.17	-37.5	93.2	89.3	- 3.9
Nine County Study Area	3.20	1.81	-43.4	93.1	88.8	- 4.6

¹ Source: Illinois Cooperative Crop Reporting Service. 1938-1973. Illinois Agricultural Statistics, Assessors' Annual Farm Census. Illinois Department of Agriculture - USDA.

Table 4. Size of farms in nine central Illinois study counties, 1940 and 1970.¹

County	Acres per farm 1940	Acres per farm 1970	Change	Percent Change
Brown	167.6	304.7	+137.1	+81.8
Christian	173.1	315.7	+142.6	+82.4
DeWitt	168.8	290.3	+121.5	+72.0
Douglas	186.3	301.1	+114.8	+61.6
Ford	203.9	337.8	+133.9	+65.7
Mason	243.6	425.1	+181.5	+74.5
Morgan	180.3	318.0	+137.7	+76.4
Warren	188.5	303.0	+114.5	+60.7
Woodford	172.0	263.3	+ 91.3	+53.1
Nine County Study Area	187.6	319.5	+131.5	+70.3

¹ Source: Illinois Cooperative Crop Reporting Service. 1938-1973. Illinois Agricultural Statistics, Assessors' Annual Farm Census. Illinois Department of Agriculture - USDA.

The percentage of change in the population of individual counties in farms was significantly correlated ($r = +0.76$) with the percentage change in the farm population density and with the change in numbers of farms ($r = +0.74$). The change in farm population was not, however, significantly correlated ($r = +0.44$) with change in numbers of farms.

Evaluation of Data Reliability

Potential errors in this kind of investigation were discussed by Roseberry et al. (1975:18-21) in conjunction with the southern Illinois study. The major sources of error are important enough to reiterate here. Recording of land-use information from small scale aerial photographs is subject to errors of interpretation. Problems associated with individual land-use categories were discussed in the Data Collection section. The measurement scale of 1 dot per 1.11 acres was a less serious source of error, especially for land-use types which occurred in large tracts. Mathematical or data processing errors were possible and probably occurred. The computer program used for initial data analysis included several data checks. Another source of error, involving statistical sampling and interpretation, was discussed in detail by Roseberry et al. (1975). As in the southern Illinois study, the greatest potential for sampling error would be with small, unevenly distributed land-use categories. However, it is hoped that a sampling rate of 10 percent would adequately document changes in these categories even if it did not accurately measure absolute amounts. Estimates of some land-use categories were available from other sources and are compared with our data in the following sections.

Forests. The U.S. Forest Service estimated forest acreages in Illinois as of 1940 (King and Winters 1952) and 1962 (Essex and Gansner 1965). Because our study focused on the years 1940 and 1970, the Forest Service data were extrapolated linearly to 1970 and compared with our data (Table 5). For comparative purposes, Forest Service data were also adjusted to exclude nonstocked areas and land in the seedling and sapling stages of succession because these would not have been recorded as forests in our study. For the 1940 study period, our estimates were lower than those of the Forest Service in all study counties with the greatest discrepancy in Brown County. Our estimates for 1970 showed much closer agreement with the adjusted Forest Service estimates.

Permanent Water. A comparison of our estimates of water acreage with data reported by the Illinois Department of Conservation (Lopinot 1973) is shown in Table 6. The estimates were fairly close on an absolute basis in all counties except Mason. Much of the discrepancy in that County arose because areas along the Illinois River were considered separate lakes or permanent water in the Conservation Department report, whereas our study considered them as part of the Illinois River and recorded them in the "other lands" category. Overall, our estimate for the nine county study area was 14.6 percent low, similar to the 16.9 percent discrepancy recorded in the southern Illinois study (Roseberry et al. 1975).

Stripmined Land. Haynes and Klimstra (1975) reported the occurrence of stripmined land only in Brown County (19 acres) and Warren County (4 acres) among the nine central Illinois study counties. No stripmined land was encountered during our sampling.

Table 5. Comparison of estimated forested acreage in the central Illinois study counties: 1940, 1962, and 1970.

County	Estimated Percentage of Area Forested as of:			
	1940	1962	1970	
	Our Study ¹	Forest Service ²	Our Study ¹	Forest Service ⁴
Brown	5.17	21.88 (14.83)	15.30	18.55 (17.53)
Christian	1.60	2.86 (1.94)	3.87	3.31 (3.06)
Dewitt	1.06	4.31 (2.92)	1.72	3.34 (3.19)
Douglas	0.86	1.86 (1.26)	1.37	1.70 (1.25)
Ford	0.12	0.32 (0.22)	0.37	0.40 (0.37)
Mason	4.85	12.72 (8.62)	8.11	9.15 (8.78)
Morgan	1.16	8.29 (5.62)	2.05	6.82 (6.47)
Warren	1.12	7.20 (4.88)	3.83	5.09 (4.89)
Woodford	4.09	8.72 (5.91)	6.28	5.00 (4.91)
9 County Study Area	2.13	6.99 (4.74)	4.38	5.44 (5.18)

¹ Based on a 10 percent sample of each county.

² Source: King and Winters (1952: 21, 29). Number in () is their estimate minus seedling/sapling and nonstocked stands (32.2 percent in these categories).

³ Source: Essex and Gansner (1965: 23, 29-30). Number in () is their estimate minus seedling/sapling and non-stockeds stands (13.5 percent in these categories).

⁴ Calculation made by projecting Forest Service data from 1940 and 1962 to 1970.

Table 6. Comparison of estimated water acreage in the nine central Illinois study counties, ca 1970.

County	Estimated percentage of area in permanent water		Absolute Difference	Relative Difference ³
	Our Study ¹	Conservation Department ²		
Brown	0.44	0.54	0.10	-18.5
Christian	1.45	1.08	0.37	+34.3
DeWitt	0.42	0.20	0.22	+110.0
Douglas	0.13	0.20	0.07	-35.0
Ford	0.22	0.08	0.14	+175.0
Mason	2.83	4.21	1.38	-32.8
Morgan	0.38	0.81	0.43	-53.1
Warren	0.13	0.34	0.21	-61.8
Woodford	0.77	0.51	0.26	+51.0
Nine County Study Area	0.82	0.96	0.14	-14.6

¹ Based on a 10 percent sample of each county.

² Source: Lopinot, 1973. Estimate obtained from survey of the entire county.

³ Difference expressed as a percentage of the Conservation Department's estimate.

Crop Reporting Service Data. Although categories reported by the CRS did not always coincide with those used in our study, some comparisons were possible. The CRS estimate of pastured land was comparable to our estimate only for the 1970 period because the "other pasture" category was not recorded by the CRS prior to 1951 (Tables 1-10, Appendix B). Our estimates of pastured acreage were lower than CRS estimates in all counties except DeWitt County where the absolute difference between estimates was small (Table 7). The two sets of estimates were reasonably close except in Warren and Brown counties, especially the latter. The large discrepancy in Brown County might have occurred because this county was relatively wooded (Table 5) and it was not always possible to separate pastured and non-pastured woodlots.

In the field crop classification, our estimates were consistently higher than those of the CRS (Table 8) with the differences being much larger for 1940 than for 1970. A similar situation was reported by Roseberry et al. (1975:27) in southern Illinois. Our estimates for 1940 were larger by an average of 16.7 percent resulting in a relative difference of 27.3 percent. The 1970 estimates showed much closer agreement with an average absolute difference of 6.4 percent (relative difference 8.8 percent). Some of the discrepancy for both periods can be accounted for by differences in reporting techniques. The CRS estimate was calculated by summing the acreages of corn, soybeans, small grains and hay. Other smaller categories such as sorghum, vegetable crops or miscellaneous grains were not added, yet these categories would have been identified as field crops in our study. In addition, our study included fallowed fields

Table 7. Comparison of estimated pasture acreage in nine central Illinois study counties, ca 1970.

County	Estimated Percentage of Area in Pasture			
	Our Study ¹	Crop Reporting Service ²	Absolute Difference	Relative Difference ³
Brown	6.98	37.92	30.94	-81.59
Christian	3.51	4.91	1.40	-28.59
DeWitt	7.88	7.48	0.40	+ 5.35
Douglas	1.92	3.31	1.39	-42.00
Ford	2.44	3.17	0.73	-23.03
Mason	1.40	2.89	1.49	-51.56
Morgan	12.26	15.07	2.81	-18.65
Warren	9.84	17.18	7.34	-42.72
Woodford	5.36	9.11	3.75	-41.16
Nine County Study Area	5.73	10.10	4.37	-43.27

¹ Based on a 10 percent sample of each county.

² Total of "plowland" and "other" pasture categories as recorded in Table 1-9, Appendix B.

³ Difference expressed as percentage of CRS estimate.

Table 8. Comparison of estimated field crop acreage in the nine central Illinois study counties, 1940 and 1970.

County	Estimated Percentage of Area in Field Crops, ca 1940		Absolute Difference	Relative Difference ³	Estimated Percentage of Area in Field Crops, ca 1970		Absolute Difference	Relative Difference ³
	Our Study ¹	CRS ²			Our Study ¹	CRS ²		
Brown	52.70	34.86	17.84	+51.18	52.26	39.85	12.41	+31.14
Christian	80.92	68.58	12.34	+18.00	82.75	77.77	4.98	+ 6.40
DeWitt	81.69	68.33	13.36	+19.55	83.32	78.09	5.23	+ 6.70
Douglas	89.55	70.65	18.90	+26.75	91.02	85.90	5.12	+ 5.96
Ford	90.73	69.64	21.09	+30.28	90.74	81.26	9.48	+11.67
Mason	78.61	52.56	26.11	+49.68	78.53	68.28	10.25	+15.01
Morgan	69.68	56.07	13.61	+24.27	73.35	61.37	11.98	+19.52
Warren	74.43	61.43	13.00	+21.16	78.55	71.78	6.77	+ 9.43
Woodford	76.45	59.98	16.47	+27.46	77.70	75.40	2.30	+ 3.05
Nine County Study Area	77.88	61.16	16.72	+27.34	79.53	73.10	6.43	+ 8.80

¹ Based on a 10 percent sample of each county.

² Source: Illinois Cooperative Crop Reporting Service data presented in Tables 1-9, Appendix B. Categories included are corn, soybeans, small grains, hay and set aside.

³ Expressed as a percentage of the CRS estimate.

of 2 to 5 years of age as field crops whereas the CRS did not use this definition. The CRS reported only acreage harvested but our study recorded all acreages planted, harvested or not.

Changes in Land-Use from 1940 to 1970

Brown County. Land-use changes in Brown County were studied from aerial photographs for 1938 and 1969. Thirty-nine sections, representing 12.7 percent of the county, were examined (Tables 1-15, Appendix A). Significant changes occurred in 6 of the 11 categories over the 31-year span (Table 9).

Pasture decreased in each of the 39 sections sampled. Over 25 percent of the sampled area was used for pasture in 1938 compared to only 7.0 percent in 1969. A similar trend was evident in the other eight counties.

Forested acreage increased significantly; occupying 5.2 percent of the sampled area in 1938 and 15.3 percent in 1969. Amounts of forested land increased in 32 sections, declined in 3 and remained unchanged in 1. Old field acreages increased in 31 of the 39 study sections and decreased in 7 others.

Amounts of hedgerow increased significantly over the 31-year period. This change was unique to Brown County as the other eight counties showed declines, seven of them significant. The lack of decline in amounts of hedgerows in Brown County may have been related in part to the relative stability of croplands. Field crop acreage remained essentially unchanged in Brown County but increased significantly in six other counties. Crop Reporting Service data for Brown County (Table 1, Appendix B) indicated a slight increase (5 percent) in the field crop category. Most of the

Table 9. Land-use conditions and changes between 1938 and 1969 as sampled in 39 sections Brown County, Illinois.¹

Category	Percent of sampled area in designated use		Number of sample sections showing Increase: Decrease: No Change: No Acreage		Z-score ²	Probability ³
	1938	1969				
Interspersion	19 ⁴	19 ⁴	21:14:4:0		0.90	***
Field Crops	52.70	52.26	17:20:2:0		0.57	***
Pasture	25.05	6.98	0:39:0:0		5.44	< 0.01
Forest	5.17	15.30	32:3:1:3		4.59	< 0.01
Orchard	0.61	0.10	0:5:0:34		2.02	< 0.05
Old Field	8.77	17.28	31:7:0:1		3.65	< 0.01
Hedgerow	1.65	2.35	30:9:0:0		3.13	< 0.01
Wetland	1.97	1.80	0:3:0:36		1.60	***
Water	0.65	0.44	10:17:5:7		1.87	0.06
Right-of-Way	0.74	0.94	24:8:0:7		2.52	< 0.05
Stripmined	0.00	0.00	0:0:0:39		0.00	***
Nonhabitat	2.67	2.54	13:17:9:0		0.11	***

Significant Dependencies: None.

- ¹ Represents 12.7 percent of the entire county.
- ² Transformed Wilcoxon Matched-pairs, signed-ranks test statistic.
- ³ Probability that no difference existed for the whole county. *** indicates $P > 0.10$.
- ⁴ Median index score, not percentage of land in designated use.
- ⁵ Combined data from buildings, roads, railroads, urban and other lands categories.

increase shown by the CRS was due to large increases in soybean acreage. The significant increase in hedgerows and the stability of field crops may have reflected the geographic and topographic area where Brown County is located. It is a small county located mainly in the floodplain of the Illinois River. In the 1930's much marginal land in the floodplain was cleared and farmed, probably with little success. Later, these lands were abandoned and reverted to their natural state while field crop acreages increased in other parts of the county. Stringers of trees along water courses, creeks and drainages apparently increased when farm land was abandoned and were recorded as hedgerows. The increase in hedgerows probably caused the increase recorded in the interspersion index (21 sections increased, 14 declined, and 4 did not change).

Orchards showed a decline in 5 sections; 34 sections contained no acreage in this classification. During this period, a general decline in orchards was evident over the entire State (Illinois Cooperative Crop Reporting Service 1938-1973).

Right-of-way acreage increased significantly in Brown County with 24 sections exhibiting gains and 8 sections showing losses. Both wetlands and permanent water acreages declined slightly although neither change was statistically significant.

Christian County. This county, the largest sampled, was represented by 72 sections or 10.1 percent of its area (Tables 16-30, Appendix A). Aerial photographs taken in 1938 and 1968 were used to measure land-use changes. Seven categories of land use showed significant changes over the 30-year period (Table 10).

Table 10. Land-use conditions and changes between 1938 and 1968 as sampled in 72 sections of Christian County, Illinois.¹

Category	Percent of sampled area in designated use		Number of sample sections showing Increase: Decrease: No Change: No Acreage		Z-score ²	Probability ³
	1938	1968				
Interspersion	15 ⁴	13 ⁴	29:37:6:0		1.39	***
Field Crops	80.92	82.75	45:26:1:0		2.64	< 0.01
Pasture	9.35	3.51	12:58:2:0		5.75	< 0.01
Forest	1.60	3.87	16:4:0:52		2.97	< 0.01
Orchard	0.27	0.04	2:28:0:42		3.85	< 0.01
Old Field	2.66	2.34	27:17:0:28		1.09	***
Hedgerow	1.75	1.20	18:51:3:0		3.84	< 0.01
Wetland	0.00	0.14	4:1:0:67		1.75	0.08
Water	0.23	1.45	25:16:9:22		1.69	0.09
Right-of-Way	0.86	1.43	57:14:1:0		5.24	< 0.01
Stripmined	0.00	0.00	0:0:0:72		0.00	***
Nonhabitat ⁵	2.35	3.27	42:22:8:0		3.05	< 0.01
Significant dependencies:						
Interspersion x Nonhabitat:		Decreased 16	Increased 18	X ² = 6.58 DF = 1 P < 0.05		
		Increased 3	22			

Field Crops x Pasture		Decreased 10	Increased 9	X ² = 9.54 DF = 1 P < 0.01		
		Increased 42	2			

Table 10. Continued.

- 1 Represents 10.1 percent of the entire county.
- 2 Transformed Wilcoxon Matched-pairs, signed-ranks test statistic.
- 3 Probability that no difference existed for the whole county. *** indicated $P > 0.10$
- 4 Median index score, not percentage of land in designated use.
- 5 Combined data from building, road, railroad, urban and other lands categories.

Field crop acreages increased significantly for the entire County; in individual sections, increases outnumbered declines 45 to 26. The CRS field crop data (Table 2, Appendix B) also reflected this increase. Pasture acreage declined dramatically with 58 sections showing losses and 12 showing gains. The Chi square test revealed a significant dependency between changes in the pasture and field crop categories, suggesting that much former pasture land was converted to field crop acreage.

Forested acreage increased significantly, but this cover type occurred in only 20 of the 72 sample sections. More sections (27) showed increases in old field acreage than decreases (17) but the change could not be inferred to the entire County..

A significant decline in orchards was evident with 28 sections showing declines and only 2 sections registering increases. Forty-two sections had no orchard acreage. Hedgerows also declined significantly with 51 of 72 sections reflecting decreased acreages in this category.

A significant increase was evident in the right-of-way category over the 30-year period with 57 sections illustrating this change. Similarly, nonhabitat showed significant increase (40 of 72 sections). Though these two changes did not appear dependent in the Chi-square test, it is likely that they are related due to increased acreages of roads, railroads, and urban areas. A significant dependency was found between changes in the interspersion index and nonhabitat acreage. The overall trend in the former category was downward as 37 sections declined and 29 increased. The dependency appears due to a large number of sections (22) which simultaneously increased in both categories compared to only 3 which combined a higher interspersion index with a reduced nonhabitat acreage.

Water and wetland acreages increased but wetland was present in very few of the sample sections (5 of 27) hence the change is difficult to interpret. The amount of land covered by water in Christian County increased over 500 percent from 1938 to 1968 according to our study. However, because the Illinois Department of Conservation estimate of water acreage (Table 6) was much lower for this county, the actual increase might have been smaller than indicated. Our study probably overestimated the amount of surface water in Christian County because both Sanchris Lake and Lake Taylorville were represented in sample sections.

DeWitt County. Forty-one sections, representing 10.2 percent of the entire County, were studied to detect land use changes between 1941 and 1966 (Tables 31-45, Appendix A). Only four categories remained stable.

Field crops increased significantly (Table 11) with 28 of 41 sections showing gains in this category. Our data indicated an absolute increase of 1.6 percent in the proportion of land occupied by field crops whereas CRS data (Table 3, Appendix B) showed a 9.7 percent increase. The amount of pastured land declined significantly from 10.2 to 7.9 percent of the area sampled. A significant inverse dependency between the field crop and pasture category suggests that some former pastured acreage was now devoted to field crops.

Both forested and idle areas increased slightly but over 60 percent of the sample sections contained neither of these useful wildlife cover types. Amounts of permanent water remained essentially unchanged and wetlands were not found in the sample.

A significant decline was recorded for orchards though many (29) sections did not contain land in this category. Hedgerows declined significantly with 39 of 41 sections exhibiting the trend. Right-of-way area showed a significant increase with the change evident in 33 sections.

Table 11. Land-use conditions and changes between 1941 and 1966 as sampled in 41 sections of DeWitt County, Illinois.

Category	Percent of sampled area in designated use		Number of sample sections showing Increase:Decrease: No Change: No Acreage		Z-score ²	Probability ³
	1941	1966				
Interspersion	18 ⁴	17 ⁴	16:23:2:0	1.67	0.10	
Field Crops	81.69	83.32	28:11:2:0	2.71	< 0.01	
Pasture	10.18	7.89	12:23:3:3	2.23	< 0.05	
Forest	1.06	1.72	12:4:0:25	1.81	0.07	
Orchard	0.12	0.00	1:11:0:29	2.75	< 0.01	
Old Field	0.20	0.51	12:2:0:27	2.20	< 0.05	
Hedgerow	1.50	0.46	2:39:0:0	5:44	< 0.01	
Wetland	0.00	0.00	0:1:0:40	1.00	***	
Water	0.39	0.42	13:11:6:11	0.56	***	
Right-of-Way	1.13	1.97	33:6:2:0	4.78	< 0.01	
Stripmined	0.00	0.00	0:0:0:41	0.00	***	
Nonhabitat ⁵	3.73	3.70	22:15:4:0	0.28	***	

Significant dependencies:	Field Crop x Pasture:		Decreased Increased		$\chi^2 = 15.3$ DF = 1 P < 0.01
	Decreased	1	Decreased	9	
	Increased	21	Increased	3	

- 1 Represents 10.2 percent of the entire county.
- 2 Transformed Wilcoxon matched-pairs, signed-ranks test statistic.
- 3 Probability that no difference existed for the whole county. *** indicates P > 0.10.
- 4 Median index score, not percentage of land in designated use.
- 5 Combined data from building, road, railroad, urban and other lands categories.

It is possible that where some hedgerows were cleared, field borders and road edges were still maintained but were covered with grassy vegetation that would have been identified as right-of-way acreage. The amount of nonhabitat acreage remained essentially stable though more sections (22) increased than declined (15) in this category.

The median interspersion index changed only slightly and the trend could not be considered significant. Twenty-three sections declined in this index while 16 increased.

Douglas County. Forty-six sections were sampled representing 11.0 percent of the County (Tables 46-60, Appendix A). Photographs for 1940 and 1966 were examined. Significant changes were indicated for 5, possibly 6, of the 12 categories (Table 12).

Field crops showed a significant increase; a change that was reflected in 37 of the 46 sections sampled. Area in this land use increased from 89.5 to 91.0 percent of the sample. The CRS data (Table 4, Appendix B) showed a larger increase in field crops with acreages of corn and soybeans increasing while small grains and hay acreages declined. Forests also increased from 0.9 to 1.4 percent of the area sampled. However, 33 of the sections had no forested acreage and it is not clear if the observed change reflected conditions throughout the entire County ($0.10 > P > 0.05$). Old Fields increased from 0.3 to 0.5 percent of the area but most sections (28) did not contain land in this category.

Several categories showed significant declines including pasture which decreased in 34 of 46 sections and from 4.6 to 1.9 percent of the sample. A similar trend was evident from the CRS data (Table 4, Appendix B).

Table 12. Land-use conditions and changes between 1940 and 1966 as sampled in 46 sections of Douglas County, Illinois.¹

Category	Percent of sampled area in designated use		Number of sample sections showing Increase:Decrease: No Change: No Acreage	Z-score ²	Probability ³
	1940	1966			
Interspersion	14.5 ⁴	15 ⁴	22:18:6:0	1.49	***
Field Crops	89.55	91.02	37:9:0:0	3.85	< 0.01
Pasture	4.58	1.92	10:34:0:2	4.49	< 0.01
Forest	0.86	1.37	7:3:3:33	1.89	0.06
Orchard	0.02	0.00	0:3:0:43	1.60	***
Old Field	0.25	0.53	6:5:0:35	1.11	***
Hedgerow	0.82	0.48	14:27:3:2	3.09	< 0.01
Wetland	0.00	0.00	0:0:0:46	0.00	***
Water	0.12	0.13	21:15:8:2	0.85	***
Right-of-Way	1.33	1.52	28:14:4:0	2.29	< 0.05
Stripmined	0.00	0.00	0:0:0:46	0.00	***
Nonhabitat ⁵	2.44	3.00	20:21:5:0	1.30	***

Significant dependencies: None.

¹ Represents 11.0 percent of the entire county.

² Transformed Wilcoxon matched-pairs, signed-ranks test statistic.

³ Probability that no difference existed for the whole county. *** indicates $P > 0.10$

⁴ Median index score, not percentage of land in designated use.

⁵ Combined data from building, road, railroad, urban and other lands categories.

Orchards were present in 3 sections in 1940 but none were recorded in 1966. The CRS reported no fruit trees after 1955 (Table 4, Appendix B.). Hedgerows decreased in 27 sample sections while increasing in 14.

Nonhabitat land and water acreage increased slightly, though these changes were not significant. Right-of-way increased significantly with 28 gains and 14 losses recorded for the individual sections.

The median interspersion index increased by 0.5 points during the study period. No acreages of wetlands were found.

Ford County. Fifty-two sections, representing 10.7 percent of the entire county, were sampled using aerial photographs for 1941 and 1966 (Tables 61-75, Appendix A). Two significant dependencies and five significant changes were revealed by data for the 25-year period (Table 13).

Field crops in this county showed greater stability than in any other sampled as they increased only 0.01 percent. CRS data (Table 5, Appendix B) indicated an increase of 11.6 percent and suggested that our estimates were high. Forested area and old fields increased slightly though most sections (44 and 43, respectively) did not contain land in these categories.

Pasture land declined significantly, showing a reduction from 3.4 to 2.4 percent of the area sampled. Orchard acreage was reduced to zero in the 25-year span though very few sections (3) were represented by this land use even in 1941. CRS statistics reported no orchards after 1956 (Table 5, Appendix B). The amount of hedgerows declined by almost one-half; a significant change that was recorded in 35 of the 52 sections.

As earlier indicated, our estimate of permanent water acreage in Ford County was considerably higher than that of the Illinois Department

Table 13. Land-use conditions and changes between 1941 and 1966 as sampled in 52 sections of Ford County, Illinois.¹

Category	Percent of sampled area in designated use		Number of sample sections showing Increase:Decrease: No Change: No Acreage	Z-score ²	Probability ³
	1941	1966			
Interspersion	13 ⁴	13 ⁴	23:27:2:0	1.02	***
Field Crops	90.73	90.74	27:24:1:0	0.06	***
Pasture	3.42	2.44	13:36:3:0	2.99	< 0.01
Forest	0.12	0.37	5:2:1:44	1.35	***
Orchard	0.01	0.00	0:3:0:49	1.60	***
Old Field	0.05	0.29	5:2:2:43	1.52	***
Hedgerow	0.87	0.49	7:35:8:2	4.13	< 0.01
Wetland	0.01	0.00	0:1:0:51	1.00	***
Water	0.30	0.22	7:16:11:18	2.52	< 0.05
Right-of-Way	2.18	2.80	35:14:3:0	3.59	< 0.01
Stripmined	0.00	0.00	0:0:0:52	0.00	***
Nonhabitat ⁵	2.32	2.64	32:15:5:0	2.11	< 0.05

Significant dependencies: Field Crops x Interspersion: Decreased 8 Increased 16 $\chi^2 = 5.88$
 Decreased 16 $DF = 1$
 Increased 7 $P < 0.05$

Field Crops x Nonhabitat: Decreased 3 Increased 20 $\chi^2 = 6.33$
 Decreased 3 $DF = 1$
 Increased 12 $P < 0.05$

Table 13. Continued.

- 1 Represents 10.7 percent of the entire county.
- 2 Transformed Wilcoxon matched-pairs, signed-ranks test statistic.
- 3 Probability that no difference existed for the whole county. *** indicates $P > 0.10$.
- 4 Median index score, not percentage of land in designated use.
- 5 Combined data from building, road, railroad, urban and other lands categories.

of Conservation (Table 6); hence, the decline indicated by our data may not have been real. Wetlands, which were recorded in only one section in 1941, were not found in 1966.

Amounts of right-of-way and nonhabitat lands increased significantly with 35 and 32 sections, respectively, showing gains. The median interspersion index remained unchanged at 13 points; decreases were recorded in 27 sample sections while 23 increased and 2 remained the same.

Two significant dependencies involved acreages of field crops. There appeared to be a tendency for the interspersion index to decrease in sections where field crops increased and vice versa. The significant test statistic for field crops x nonhabitat appeared due to a small number of sections (3) that showed decreases in both categories compared to a large number (20) that showed increase in nonhabitat land and a corresponding decrease in field crops. Sections showing decreases and increases in nonhabitat lands numbered about the same when field crops increased (12 decreases, 11 increases).

Mason County. Only 3 significant changes (Table 14) were found in 59 sample sections of this county between 1939 and 1969 (Tables 76-90, Appendix A). The area sampled represented 10.9 percent of the entire county.

Mason County field crop acreages remained relatively stable during the study period even though increases outnumbered declines 33 to 24. Similar to Brown, this county lies within the floodplain of the Illinois River. It appears that marginal farmlands in the river bottoms were abandoned while agricultural efforts increased in other parts of the county.

Table 14. Land-use conditions and changes between 1939 and 1969 as sampled in 59 sections of Mason County, Illinois.¹

Category	Percent of sampled area in designated use		Number of sample sections showing Increase:Decrease: No Change: No Acreage		Z-score ²	Probability ³
	1939	1969	No Change	No Acreage		
Interspersion	16 ⁴	16 ⁴	22:29:8:0		0.92	***
Field Crops	78.61	78.53	33:24:1:1		0.70	***
Pasture	3.97	1.40	12:40:1:6		4.64	< 0.01
Forest	4.85	8.11	28:7:3:21		3.34	< 0.01
Orchard	0.03	0.00	0:5:0:54		2.02	< 0.05
Old Field	2.84	2.01	26:15:1:17		1.02	***
Hedgerow	1.59	1.37	23:27:6:3		1.53	***
Wetland	1.38	1.80	5:3:0:51		0.70	***
Water	3.06	2.83	15:10:3:31		1.09	***
Right-of-Way	0.91	0.96	26:26:7:0		0.28	***
Stripmined	0.00	0.00	0:0:0:59		0.00	***
Nonhabitat ⁵	2.78	2.97	30:26:3:0		0.00	***
Significant dependencies:	Field Crops x Interspersion:		Decreased		Increased	X ² = 13.59 DF = 1 P < 0.01
			Decreased 17			
			Increased 12		16	
	Field Crops x Old Field:		Decreased		Increased	X ² = 4.26 DF = 1 P < 0.05
			Decreased 4			
			Increased 11		9	

Table 14. Continued

Significant dependencies (Continued)

Water x Interspersion:			$\chi^2 = 4.37$ DF = 1 P < 0.05
Decreased		Increased	
	Decreased	Increased	
	5	1	
	Increased	11	

- 1 Represents 10.9 percent of the entire county.
- 2 Transformed Wilcoxon matched-pairs, signed-ranks test statistic.
- 3 Probability that no difference existed for the entire county. *** indicates P > 0.10.
- 4 Median index score, not percentage of land in designated use.
- 5 Combined data from building, road, railroad, urban and other lands categories.

Data from the CRS (Table 6, Appendix B) did not indicate stability in cropland but rather, an increase of 15.7 percent.

The amount of pasture declined significantly with 40 of 59 sections showing decreases. Orchards also declined with no acreage recorded in 1969. Decreases in these categories agree with CRS data for this county (Table 6, Appendix B). Forests occupied 4.9 percent of the sampled area in 1939 and 8.1 percent in 1969, representing a statistically significant change.

Old field acreage declined over the entire sample but more increases than decreases were recorded in individual sections (26 vs. 15). Hedgerows also declined in our sample though the trend could not be statistically inferred to the entire county. The small change in hedgerow acreage was unique to Mason County. All of the other study counties except Brown showed significant declines in this cover type.

Wetland acreage increased slightly but only a few sample sections were involved. The total acreage of water in the sample sections declined slightly even though 15 sections showed gains as compared to only 10 which had losses. The total amount of right-of-way increased slightly but the number of sections declining equalled the number increasing (26). The stability of this land use was unique to Mason County as all other study counties showed significant increases. Nonhabitat lands within the sample sections remained essentially unchanged with 30 increases and 26 declines being recorded. The median interspersion index also remained stable at 16 points.

Three significant dependencies were revealed by the Chi-square test. Field crops and interspersion index were related at the 0.01 level. Field crops and old fields showed a dependency at the 0.05 level. Water and

interspersion index were related, largely due to a relatively high number of sections (11) that showed simultaneous increases in both categories.

Morgan County. Aerial photographs from 1941 and 1969 were used to sample 67 sections or 11.7 percent of the entire county (Tables 91-105, Appendix A). Only three categories did not show significant changes over the period (Table 15).

Field crops increased significantly in this county, occupying 69.7 percent of the sampled area in 1941 and 73.6 percent in 1968. The CRS estimates were much lower than ours but about the same degree of change was indicated (Table 7, Appendix B). Other significant increases were recorded for forest land, old fields, right-of-way and nonhabitat lands.

Pasture acreage declined in 56 of the 67 sample sections. CRS data for pastures were incomplete for 1940 but it appeared from those records that Morgan County pasture land (Table 7, Appendix B) remained stable or increased slightly. Hedgerows declined significantly, with 47 sections showing decreased acreages in this category while only 17 increased. Orchards showed a significant decrease; where 11 sections had fruit trees in 1941, none did in 1968. CRS fruit tree reports (Table 7, Appendix B) fluctuated after 1956 suggesting changes in reporting procedures. The interspersion index declined by 1.5 index points, a significant decrease. Thirty-six sections showed declines while 21 sections increased and 10 remained the same for this category. Only two other counties (DeWitt and Woodford) showed significant declines in the interspersion index.

A significant dependency existed between field crops and pastures as a large number of sections (45) showed increases in the former category coupled with decreases in the latter. The trend of increased cropland related to decreased pasture land was indicated in seven of the nine study

Table 15. Land-use conditions and changes between 1941 and 1968 as sampled in 67 sections of Morgan County, Illinois.¹

Category	Percent of sampled area in designed use		Number of sample sections showing Increase: Decrease: No Change: No Acreage		Z-score ²	Probability ³
	1941	1968				
Interspersion	17 ⁴	15.5 ⁴	21:36:10:0	2.66	< 0.05	
Field Crops	69.68	73.35	48:17:2:0	4.71	< 0.01	
Pasture	19.00	12.26	7:56:2:2	6.35	< 0.01	
Forest	1.16	2.05	25:13:0:31	2.23	< 0.05	
Orchard	0.23	0.00	0:11:0:56	2.93	< 0.01	
Old Field	1.18	3.24	29:16:0:22	3.04	< 0.01	
Hedgerow	1.48	1.04	17:47:2:0	3.80	< 0.01	
Wetland	1.67	1.36	4:3:0:60	0.09	***	
Water	0.28	0.31	26:18:0:23	1.02	***	
Right-of-Way	1.00	1.51	46:16:5:0	4.36	< 0.01	
Stripmined	0.00	0.00	0:0:0:67	0.00	***	
Nonhabitat ⁵	4.31	4.88	41:23:3:0	2.09	< 0.05	
Significant dependencies:	Field Crops x Pasture:		Decreased 10	Increased 5	X ² = 6.92 DF = 1 P < 0.01	
			Decreased 45	Increased 2		

¹ Represents 11.7 percent of the entire county.

² Transformed Wilcoxon matched-pairs, signed-ranks test statistic.

³ Probability that no difference existed for the whole county. *** indicates P > 0.10.

⁴ Median index score, not percentage of land in designated use.

⁵ Combined data from building, road, railroad, urban and other lands categories.

counties and was statistically significant in four (Christian, DeWitt, Morgan and Woodford Counties).

Warren County. Land use changes were investigated in 65 sections (12.0 percent of the county) from aerial photographs made in 1941 and 1969 (Tables 106-120, Appendix A). Eight categories showed significant changes (Table 16).

In this county, as in several others, field crop acreage increased significantly while pasture acreage declined significantly. The 4.1 percent increase in cropland and 7.7 percent decrease in pasture land resulted in a significant dependency between these two categories. Forty-six sections showed increases in field crops while 18 sections showed declines. Forty-seven sections had decreased pasture acreage while 17 increased. CRS data (Table 8, Appendix B) also showed increase in field crops and decline in pasture land.

Forested land increased significantly as 25 of 65 sections studied showed gains, 10 showed losses and 1 did not change. Old fields also increased significantly although the change amounted to only about 0.7 percent of the area sampled. A significant increase in water acreage was found though only 23 sections of the 65 sampled were involved. The actual increase may have been larger than our study indicated because the Conservation Department estimate of water acreage in this county (Table 6) was larger than ours. Right-of-way and nonhabitat lands showed similar significant increases as gains in both categories were recorded in 40 sections.

Hedgerow acreage declined significantly, from 1.5 percent of the area sampled in 1941 to 0.9 percent in 1969. Though the median interspersion index did not change, more sections showed declines (31) than

Table 16. Land-use conditions and changes between 1941 and 1969 as sampled in 65 sections of Warren County, Illinois.¹

Category	Percent of sampled area in designated use		Number of sample sections showing Increase:Decrease: No Change: No Acreage		Z-score ²	Probability ³
	1941	1969	No Change:	No Acreage		
Interspersion	16 ⁴	16 ⁴	26:31:8:0		0.35	***
Field Crops	74.43	78.55	46:18:1:0		4.20	< 0.01
Pasture	17.55	9.84	17:47:1:0		5.20	< 0.01
Forest	1.12	3.83	25:10:1:29		3.51	< 0.01
Orchard	0.01	0.02	1:1:0:63		0.45	***
Old Field	1.94	2.66	21:13:0:31		2.19	< 0.05
Hedgerow	1.53	0.93	13:48:4:0		4.80	< 0.01
Wetland	0.00	0.00	0:0:0:65		0.00	***
Water	0.05	0.13	16:4:3:42		2.59	0.01
Right-of-Way	1.23	1.49	40:22:3:0		3.11	< 0.01
Stripmined	0.00	0.00	0:0:0:65		0.00	***
Nonhabitat ⁵	2.14	2.57	40:21:4:0		3.01	< 0.01

Significant dependencies: Interspersion x Pasture: Decreased 19 Increased 12 $\chi^2 = 5.42$
 Decreased 19 Increased 12 DF = 1
 Increased 23 Increased 2 P < 0.05

Pasture x Field Crops: Decreased 6 Increased 41 $\chi^2 = 17.89$
 Decreased 6 Increased 41 DF = 1
 Increased 12 Increased 5 P < 0.01

Table 16. Continued.

Significant dependencies:	Right of Way x Hedgerow:	Decreased		Increased	$\chi^2 = 6.18$ DF = 1 P < 0.05
		Decreased	Increased		
		12	9		
		Increased	33	4	

- 1 Represents 12.0 percent of the entire county.
- 2 Transformed Wilcoxon matched-pairs, signed-ranks test statistic.
- 3 Probability that no difference existed for the whole county. *** indicates P > 0.10.
- 4 Median index score, not percentage of land in designated use.
- 5 Combined data from building, road, railroad, urban and other lands categories.

increases (26). No wetland acreage was found in Warren County.

Orchards remained nearly stable over the 28-year span though only two sample sections were represented by this land use type. The CRS data (Table 8, Appendix B) indicated no fruit trees in Warren County as of 1969 whereas our study showed orchards in one section.

In addition to the significant dependency between pastures and field crops, two others were found. One of these, between the interspersion index and pasture, appeared to be due largely to a small number of sections (2) showing simultaneous increases in the index and in pasture land. The other dependency existed between right-of-way and hedgerow, apparently due to a relatively large number of sections (33) with increased right-of-way and decreased hedgerow. This dependency perhaps indicates that roadside and field border hedgerows have been removed and replaced by grassy vegetation.

Woodford County. Fifty-eight sections, or 10.8 percent of the entire county, were studied for the years 1939 and 1969 (Tables 121-135, Appendix A). Significant declines were found in the interspersion index, pasture, orchards and hedgerows while significant increases were found in field crops, forests, old fields, right-of-way and nonhabitat lands (Table 17).

Thirty-two of the 58 sampled sections increased in field crops from 1939 to 1969. While the number of section changes appeared to be significant, the total amount of cropland was essentially unchanged over the 30-year span (76.5 vs. 77.7 percent). The CRS estimates (Table 9, Appendix B) showed a much greater increase than indicated by our data. Forests increased by 2.2 percent of the sampled area though 35 sections contained no acreage in this category. Acreage of old fields increased from 1.3 percent of

Table 17. Land-use conditions and changes between 1939 and 1969 as sampled in 58 sections of Woodford County, Illinois

Category	Percent of sampled area in designated use		Number of sample sections showing Increase:Decrease:		Z-score ²	Probability ³
	1939	1969	No Change:	No Acreage		
Interspersion	16.5 ⁴	13.5 ⁴	17:35:6:0		2.89	< 0.01
Field Crops	76.45	77.70	34:20:4:0		2.09	< 0.05
Pasture	9.90	5.36	8:47:1:2		5.21	< 0.01
Forest	4.09	6.28	15:8:0:35		2.13	< 0.05
Orchard	0.08	0.00	0:8:0:50		2.52	< 0.05
Old Field	1.33	2.17	18:10:1:29		2.27	< 0.05
Hedgerow	0.95	0.76	18:37:2:1		2.11	< 0.05
Wetland	2.61	1.77	1:3:0:54		1.09	***
Water	0.28	0.77	12:12:0:34		0.33	***
Right-of-Way	1.12	1.33	35:19:3:0		2.02	< 0.05
Stripmined	0.00	0.00	0:0:0:58		0.00	***
Nonhabitat ⁵	3.19	3.86	38:18:2:0		2.91	< 0.01

Significant dependencies:	Field Crops x Old Field:	Decreased	Increased	X ² = 7.40 DF = 1 P < 0.01
		Decreased 0	Increased 12	
		Increased 8	6	

- ¹ Represents 10.8 percent of the entire county.
- ² Transformed Wilcoxon matched-pairs, signed-ranks test statistic.
- ³ Probability that no difference existed for the whole county. *** indicates P > 0.10.
- ⁴ Median index score, not percentage of land in designated use.
- ⁵ Combined data from building, road, railroad, urban and other lands categories.

the sampled area in 1939 to 2.2 percent in 1969. Right-of-way and non-habitat lands increased significantly with 35 and 38 sections, respectively, showing gains. Water acreage increased, though not significantly as 12 sections increased and the same number decreased.

Pastured lands decreased here as in all sample counties, declining from 9.9 to 5.4 percent of the sampled area during the 30-year period. Orchards decreased with none recorded in 1969. CRS data (Table 9, Appendix B) confirm both trends in decreased pasture and decreased orchards. Hedgerows declined in 37 of the sample sections, decreasing from 1.0 to 0.8 percent of the area. Wetlands were recorded in only four sections and the decline recorded for our sample could not be inferred to the entire county. The median interspersation index showed its largest decline in this county, decreasing by 3 index points with 36 of the 58 sections reflecting the decline.

The Chi-square test revealed a significant relationship between field crops and old fields because few sections (3) showed declines in both categories whereas several (12) showed increased old fields and decreased cropland.

DISCUSSION

General Trends in Land-Use

The general pattern of land-use trends is shown in Table 18. There was similarity among the nine study counties with respect to the direction and magnitude of change for most categories.

The amount of land devoted to field crops remained rather stable over the 30-year period. Six of the nine study counties showed significant increases but the largest amounted to only 4.1 percent of the sampled area (Warren County). The relatively small increases in field crop acreage over our study period primarily reflects the fact that even during 1938-40, a large proportion of most central Illinois counties was already in this use. Within the broad category of field crops, however, there was a shift in emphasis away from hay and small grains toward corn and soybeans (Tables 1-9, Appendix B).

The amount of land utilized as pasture declined significantly in all study counties. Overall, the reduction amounted to 55 percent, or slightly more than the 51 percent decline recorded during a comparable period in southern Illinois (Roseberry et al. 1975:68). The concurrent decline in both pastures and hayfields was the result of increased emphasis on cash grains, movement of the cattle industry to feedlot operations, and the replacement of draft animals with mechanized equipment. The loss of large quantities of grassy cover associated with these land-use types was perhaps the most significant change in wildlife habitat encountered during this study.

Table 18. Land use trends in nine central Illinois study counties, 1940-1970.¹

Category	Brown	Christian	DeWitt	Douglas	Ford	Mason	Morgan	Warren	Woodford
Interspersion Index	+	-	-	0	0	0	--	0	--
Field Crops	0	++	++	++	0	0	++	++	++
Pasture	--	--	--	--	--	--	--	--	--
Forest	++	++	+	+	+	++	++	++	++
Orchard	--	--	--	-	-	--	--	0	--
Old Field	++	-	++	+	+	+	++	++	++
Hedgerow	++	--	--	--	--	-	--	--	--
Wetland	-	+	-	0	-	+	0	0	-
Water	--	+	+	+	--	+	+	++	0
Right of Way	++	++	++	++	++	0	++	++	++
Stripmined	0	0	0	0	0	0	0	0	0
Nonhabitat	-	++	-	+	++	0	++	++	++

¹ Based on a 10 percent sample in each county.

+ non-significant increase

++ significant increase

0 no change

- non-significant decrease

-- significant decrease

Significant change: $P < 0.05$

In general, forested land increases from east to west in central Illinois. Within our study area, greatest amounts occurred in counties which include portions of the Illinois River valley (Brown, Mason, and Woodford). It appears from a comparison with Forest Service data (Table 5) that our random sample may have underestimated wooded acreage in the other Illinois River county of Morgan. Our data did not indicate significant increases of wooded acreage in the intensively farmed east-central counties of Douglas, DeWitt, and Ford. Somewhat greater, and statistically significant, increases were recorded in the more western counties. Projected Forest Service estimates for these counties do not, for the most part, indicate the magnitude of increase that is suggested by our study. However, both sets of data clearly show that there has not been a net loss of woody cover as might have been imagined. Of particular importance to upland game, however, was the widespread loss of hedgerows and other narrow strips of woody cover. This category declined in all counties except Brown and all but one of these declines were statistically significant. The loss averaged 27.3 percent for individual counties compared to 17.5 percent during the same period in southern Illinois (Roseberry et al. 1975:67). Another, though less important, source of woody cover - orchards - also declined over the period.

The general downward trend in the interspersion index implies an increase in the average size of fields and land units over the 30-year period. Undoubtedly, the removal of hedgerows separating fields is related to this phenomenon. Though only four counties actually showed a reduction in median index scores, the real decline may have been more severe. The practice of strip cropping tended to increase the interspersion index of individual sample sections even in the absence of actual changes in cover types.

Amounts of land classified as old fields or idle areas showed slight to moderate increases in all county samples except Christian. However, these increases were statistically significant in only four counties (Table 18). Similar to the situation with woody cover, the amount of idle land appeared to increase from east to west within the central Illinois region. This category occupied only about 0.5 percent of the intensively farmed counties of DeWitt, Douglas, and Ford. The greatest proportion of idle land was found in Brown County which also contained the greatest proportion of forested land of the counties surveyed.

The amount of surface water increased in six of the nine county samples; only two changes, an increase in Warren and a decrease in Ford were significant. The construction of farm ponds, especially in the more intensively farmed portions of central Illinois, has not been as widespread as in southern Illinois (Roseberry et al. 1975:71). All of the large reservoirs which have been built since 1940 are located in the south-central counties of Sangamon, Macon, Christian, Shelby, and Montgomery; of these, only Christian was represented by our sampling.

Land classified as nonhabitat increased in seven of the nine study counties (five of these increases were significant). Most of the change appeared due to urban development although road building also contributed. Changes in amounts of nonhabitat in individual counties were generally related to changes in human population density ($r = +0.64$; $P = 0.05$). For this reason, our sample very likely underestimated the increase in this category throughout all of central Illinois as none of the large urban centers were represented by our study counties. Most of the recorded increase in nonhabitat resulted in a direct loss of wildlife habitat,

especially to game species. However, urban residential areas do represent a modified forest habitat that can be important to some avian forms (Graber and Graber 1963:441). The development of grassy and shrubby cover along certain right-of-ways also provides some avian habitat where none existed before.

As previously indicated, none of our nine sample counties contained land stripmined for coal. With regard to central Illinois as a whole, however, some 72,000 acres or 0.43 percent of the land surface was so affected as of June, 1971 (Haynes and Klimstra 1975:20). Of this total, nearly 39 percent had been mined after 1961. At present, it is estimated that approximately 3,100 acres are being stripped annually in the 42-county region of central Illinois. A considerable proportion of the stripmined lands in central Illinois have been reclaimed for agricultural purposes, primarily pasture (Haynes and Klimstra 1975:87-90).

In general, land-use trends in central Illinois over the past 30 years have been detrimental to most forms of wildlife. In most east-central counties, mono-agricultural practices have resulted in vast, unbroken acreages of corn and soybeans and the drastic reduction or even elimination of many wildlife populations. The situation is not as critical in the western portions of central Illinois where relatively large amounts of wildlife habitat still remain in some places. Even here, however, much habitat is being lost through land development for human needs.

Probable Effects on Certain Wildlife Species

The nine study counties were ranked according to relative proportion of forests, field crops, and pasture, and kill per trip of various game species (Table 19). Data concerning white-tailed deer were taken from

Table 19. Nine study counties ranked according to various land uses and wildlife populations.

County	Proportion of County in		Total Harvest of Deer ²	Harvest per hunter trip of 3				
	Field Crops and Pasture ¹	Forest ¹		Doves	Pheasants	Quail	Squirrels	Rabbits
Brown	9	1	1	7	9	1	1	3
Christian	5	4	7	2	7	5	5	2
DeWitt	3	7	6	4	4	6	7	8
Douglas	2	8	9	6	3	4	6	6
Ford	1	9	9	8	1	9	9	7
Mason	8	2	4	1	2	3	3	5
Morgan	6	6	5	3	6	2	2	1
Warren	4	5	2	5	8	7	4	4
Woodford	7	3	3	9	5	8	8	9

¹ Based on data from ca. 1970 aerial photograph studies.

² Average harvest per square mile for period 1967-1973 (1967, 1972 and 1973 in Christian County and 1970-73 in DeWitt County).

³ Source: Preno and Labisky 1971.

Calhoun and Loomis (1974); data for all other species are from Preno and Labisky (1971).

Ring-necked Pheasant. This upland game bird was first introduced into Illinois in 1906 and became successfully established in the north-eastern one-third of the state. The original center of abundance was in the cash grain region of east-central Illinois with greatest numbers occurring in those counties with at least 75 percent of their area in crops (Labisky 1969, Labisky et al. 1964). Thus, it seemed clear that pheasants prefer moderately intensive agricultural situations. However, further increases in row crop acreage in the 1960's and the corresponding decrease in grassy cover, primarily hayfields, has resulted in an overall decline in populations (Labisky 1969). Land-use practices in the east-central portion of the state have also resulted in a noticeable shift in centers of abundance to the southwest into less intensively cultivated areas (Labisky 1969, Labisky and Anderson 1965). Thus, it appears that while pheasants often thrive in moderately intensive agricultural situations, the amount of cultivation in much of east-central Illinois has progressed to the point where the area can no longer support high pheasant populations.

Bobwhite Quail. Bobwhite abundance within the central Illinois study region, as measured by hunter success, is lowest in the intensively cultivated east-central portion and highest in the Illinois River counties (Preno and Labisky 1971:32). This situation apparently also prevailed in the early 1940's (Cloe 1943:19). Data presented in Table 19 show that in general, the abundance of bobwhites in individual counties was negatively related to amounts of cropland and pasture ($r_s = -0.57$; $P = .10$). The slight positive correlation with proportion of the county in woodlands

($r_s = +0.47$) was not significant although the three leading counties in terms of quail populations (Brown, Morgan, and Mason) all contain relatively large amounts of forested land. As previously noted, bobwhite populations in the intensively-cultivated, east-central portion of the study region were low even in 1940 and subsequent land-use trends have left large acreages virtually devoid of suitable bobwhite habitat. Trends in those counties that still support huntable populations are not encouraging. The continual decline in diversity of cover types in favor of monotypic agriculture is perhaps more detrimental to the bobwhite than to any other game species. Also, it is unlikely that croplands will be retired or fallowed for short periods of time; a practice which once provided much needed early successional old fields. Most of the land not suitable for cultivation is either being developed for other human uses or is being left undisturbed and is progressing from old field to forest conditions.

Mourning Doves. The mourning dove occupies a wide variety of habitats but generally favors open lands with scattered woody plants (Edminster 1954:436). This migratory bird nests in all counties of Illinois though its abundance is not evenly distributed. During the nesting season, doves are least abundant in the intensively-farmed areas of northeastern and east-central Illinois and most abundant in the semi-forested areas of southern Illinois. The number of breeding birds apparently remained rather stable during the 1960's (Preno and Labisky 1971:7). An increase in nesting habit through landscaping practices in suburban-urban areas may have compensated somewhat for the loss of natural nesting sites such as orchards and wooded fencerows (Graber and Graber 1963:471-472). Illinois is located in a major dove migratory lane through the Mississippi River Valley. An increase in field size and increased emphasis on cash grains as opposed to forage crops has probably benefited migrating doves.

Songbirds. Roseberry et al. (1975:72-73) noted that declining habitat diversity in southern Illinois has probably resulted in reduced numbers and kinds of many native songbirds while other, more adaptable forms, have increased. A similar trend has likely occurred in central Illinois. Graber and Graber (1963:509) described bare or plowed ground and field crops as those habitats which supported the lowest population densities of breeding song birds. Our study indicated that almost 80 percent of the acreage in central Illinois is in this classification. Shrubby areas or transition zones between grassland and forests generally support rich avian fauna; however, natural areas of this type are becoming more scarce as few fields are currently being abandoned and those that have been idled are developing into forests. Suburban areas provide some avian habitat. The particular species or group most benefited by these developments depends primarily on the kind, distribution, and amount of woody vegetation that is established.

Waterfowl. Most of the intensively farmed region of east-central Illinois was once prairie grassland dotted with potholes and open water (Smith 1961:11). This habitat likely provided valuable production areas for waterfowl. However, because of its high fertility, much of the land was organized into drainage districts during the 1920's and 1930's and an extensive system of drainage tiling and ditching was installed. Consequently, the area had already lost much of its value for waterfowl production prior to our earliest study period. In central Illinois, waterfowl activity centers in the Illinois River Valley and bottomlands. Even though this area has been organized into levee and drainage districts and the floodplain reduced by more than 50 percent (Bellrose 1945), the region still provides excellent wood duck habitat with 75,000 acres of bottomland lakes bordered by woodlots and brush (Benson and Bellrose 1964:93-94). Bellrose (1968)

noted that the Illinois River Valley plays an integral part in the migration patterns of waterfowl in the Mississippi Flyway. The northernmost concentrations of mallards from the Mississippi migration corridor winter on the upper Illinois River above Peoria which is on the northern border of our study area. Other large wintering concentrations of mallards occur near Havana, in the center of our study area, and at various other locations along the lower Illinois River. In addition to mallards, other dabblers using this area include the pintail, baldpate, green-winged teal, gadwall, and shoveler.

Diving ducks once had higher populations in the Illinois River Valley than in the Mississippi Valley but this situation has been reversed because pollution of the Illinois River reduced their food supplies (Mills et al. 1966:18-20). Scaups, ring-necked and canvasback ducks numbering several thousand now utilize the Illinois River area during migration. A concentration of canvasbacks is known to winter annually on the Mississippi River above Alton, on the southern edge of our study area.

The Illinois River Valley is less important to geese than to ducks. Most of the Canada geese which use the Mississippi Flyway migrate directly to wintering grounds in southern Illinois or farther south. A relatively small number use the Illinois River as a migration corridor and winter in the area. A somewhat greater number of blue and lesser snow geese migrate along the Illinois River and some winter near Grafton, at the junction of the Illinois and Mississippi Rivers.

It appears that most of the changes affecting waterfowl use of the Illinois River Valley occurred within the river itself, not in the floodplain

except as affected by river waters. The effect of water pollution on food supplies of diving ducks has already been mentioned. Artificial manipulation of water levels by means of locks, dams, and levees has reduced the effectiveness of or eliminated many areas as waterfowl feeding grounds but has created or enhanced others (Bellrose 1941:249). Terpening et al (1975) discussed the effects of channel operations and maintenance on wildlife, including waterfowl, for the lower Illinois River and part of the Mississippi River above Alton.

Cottontail Rabbit. During their study of land use changes in southern Illinois, Roseberry et al. (1975:76-77) found a positive correlation between rabbit abundance and proportion of cropland in individual counties. As predicted however, the relationship does not exist in central Illinois ($r_s = +0.06$) where many counties contain excessive amounts of cropland for optimum cottontail habitat. Havera (1973:54-58) reported that the greatest decline in cottontail abundance from 1956 to 1970 occurred in east-central Illinois. He found rabbit harvest to be negatively related to amounts of row crops and that these crops generally increased at the expense of favorable cottontail habitat provided by hayfields, pastures, and small grains. Lord (1963) noted that breaking up the homogeneity of fields increased their attractiveness to cottontails. Unfortunately, however, just the opposite trend is occurring as fencerows and idle corners are being removed to facilitate the farming of large, unbroken acreages of row crops. This trend, plus the loss of grassy cover has greatly lowered cottontail rabbit carrying capacity in most parts of central Illinois. It is not surprising that Preno and Labisky (1971) reported a drastic decline in rabbit populations from 1956 through 1969.

Squirrels. As expected, abundance of squirrels was related to the proportion of forest in individual counties (Table 19) at a nearly significant level ($r_s = +0.60$; 0.67 needed for $P < 0.05$). Fox squirrels apparently are more adaptable to varied habitats than gray squirrels which are restricted to heavy forest cover (Brown and Yeager 1945:491-493). The slight increase in forest acreage evident throughout the central Illinois study area (Table 18) has undoubtedly benefited fox squirrels. Likewise, increased acreages of corn (Tables 1-10, Appendix B) has probably enhanced food supplies but removal of many hedgerows has eliminated travel lanes necessary for the utilization of this food resource.

White-tailed Deer. The number of white-tailed deer harvested per square mile in individual study counties was significantly correlated ($r_s = +0.81$) with the relative amount of forested land in that county (Table 19). In central Illinois, deer populations are highest in the western counties and lowest in the intensively-cultivated eastern counties. Of the 12 central Illinois counties among those originally opened to deer hunting, all but one (Warren) is located along either the Mississippi or Illinois rivers (Calhoun and Loomis 1974:32-33). As of 1973, 9 central Illinois counties, all in the eastern portion, remained closed to deer hunting. Though deer are traditional browsers, the availability of cultivated crops has resulted in a shift in feeding habits so that domestic plants now are the preferred foods (Calhoun and Loomis 1974:23). Food supplies clearly are not the limiting factor for deer herds in central Illinois; rather, woody cover available for protection and travel appears to limit the current population. Our data showing slight increases in this habitat type are thus consistent with the trend toward increased deer herds in central Illinois from 1940 to 1970 (Calhoun and Loomis 1974).

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APPENDIX A

SAMPLE SECTIONS AND LAND-USE DATA

FOR INDIVIDUAL COUNTIES

TABLE 1. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	24.000	27.000	3.000
1	11	22	32	19.000	27.000	8.000
1	11	32	3	16.000	18.000	2.000
1	11	32	13	21.000	14.000	-7.000
1	11	32	23	12.000	21.000	9.000
1	11	32	25	27.000	24.000	-3.000
1	11	42	1	17.000	19.000	2.000
1	11	42	7	19.000	16.000	-3.000
1	11	42	10	17.000	25.000	8.000
1	11	42	14	21.000	24.000	3.000
1	11	42	27	19.000	23.000	4.000
1	11	42	35	17.000	17.000	0.0
1	12	12	28	22.000	16.000	-6.000
1	12	22	4	20.000	19.000	-1.000
1	12	22	8	27.000	18.000	-9.000
1	12	22	19	14.000	14.000	0.0
1	12	22	27	17.000	19.000	2.000
1	12	22	35	25.000	21.000	-4.000
1	12	32	3	15.000	18.000	3.000
1	12	32	12	19.000	27.000	8.000
1	12	32	21	11.000	16.000	5.000
1	12	32	35	21.000	22.000	1.000
1	12	42	3	17.000	12.000	-5.000
1	12	42	12	18.000	15.000	-3.000
1	12	42	19	14.000	17.000	3.000
1	12	42	26	22.000	20.000	-2.000
1	12	42	28	11.000	17.000	6.000
1	12	42	31	19.000	21.000	2.000
1	22	22	15	19.000	15.000	-4.000
1	22	22	17	23.000	26.000	3.000
1	22	22	24	8.000	8.000	0.0
1	22	32	14	34.000	29.000	-5.000
1	22	32	36	21.000	19.000	-2.000
1	22	42	8	9.000	18.000	9.000
1	22	42	13	25.000	16.000	-9.000
1	22	42	15	16.000	16.000	0.0
1	22	42	21	17.000	21.000	4.000
1	22	42	31	18.000	19.000	1.000
1	22	42	36	19.000	27.000	8.000

TABLE 2. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	332.219	255.553	-76.666
1	11	22	32	427.773	387.774	-40.000
1	11	32	3	325.552	284.442	-41.111
1	11	32	13	436.662	409.996	-26.667
1	11	32	23	223.331	197.776	-25.555
1	11	32	25	293.330	278.886	-14.444
1	11	42	1	363.330	352.219	-11.111
1	11	42	7	196.665	186.665	-10.000
1	11	42	10	385.552	326.663	-58.888
1	11	42	14	336.663	339.996	3.333
1	11	42	27	206.665	238.886	32.221
1	11	42	35	426.662	467.773	41.111
1	12	12	28	337.774	432.218	94.443
1	12	22	4	334.441	324.441	-10.000
1	12	22	8	413.329	322.219	-91.110
1	12	22	19	386.663	386.663	0.0
1	12	22	27	321.108	314.441	-6.667
1	12	22	35	323.330	285.553	-37.777
1	12	32	3	337.774	377.774	40.000
1	12	32	12	378.885	396.663	17.778
1	12	32	21	549.994	549.994	0.0
1	12	32	35	481.106	454.440	-26.666
1	12	42	3	586.661	594.438	7.778
1	12	42	12	489.995	517.772	27.777
1	12	42	19	407.774	454.440	46.666
1	12	42	26	434.440	417.773	-16.667
1	12	42	28	399.996	424.440	24.444
1	12	42	31	261.108	348.885	87.777
1	22	22	15	279.997	216.665	-63.333
1	22	22	17	311.108	264.442	-46.666
1	22	22	24	24.444	76.666	52.222
1	22	32	14	524.439	466.662	-57.777
1	22	32	36	256.664	294.442	37.778
1	22	42	8	289.997	265.553	-24.444
1	22	42	13	143.332	92.221	-51.111
1	22	42	15	265.553	296.664	31.111
1	22	42	21	113.332	115.554	2.222
1	22	42	31	242.220	247.775	5.555
1	22	42	36	304.441	328.885	24.444

TABLE 3. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	204.442	36.666	-167.776
1	11	22	32	167.776	112.221	-55.555
1	11	32	3	257.775	122.221	-135.554
1	11	32	13	125.554	122.221	-3.333
1	11	32	23	355.552	16.666	-338.885
1	11	32	25	255.553	12.222	-243.331
1	11	42	1	214.442	4.444	-209.998
1	11	42	7	208.887	6.667	-202.220
1	11	42	10	111.110	82.221	-28.889
1	11	42	14	153.332	20.000	-133.332
1	11	42	27	192.220	62.222	-129.999
1	11	42	35	182.220	52.222	-129.999
1	12	12	28	57.777	0.0	-57.777
1	12	22	4	154.443	53.333	-101.110
1	12	22	8	34.444	18.889	-15.555
1	12	22	19	136.665	18.889	-117.777
1	12	22	27	187.776	0.0	-187.776
1	12	22	35	82.221	49.999	-32.222
1	12	32	3	179.998	48.888	-131.110
1	12	32	12	118.888	40.000	-78.888
1	12	32	21	58.888	40.000	-18.889
1	12	32	35	105.555	71.110	-34.444
1	12	42	3	25.555	7.778	-17.778
1	12	42	12	89.999	57.777	-32.222
1	12	42	19	174.443	8.889	-165.554
1	12	42	26	151.110	97.777	-53.333
1	12	42	28	212.220	115.554	-96.666
1	12	42	31	149.999	14.444	-135.554
1	22	22	15	148.887	22.222	-126.665
1	22	22	17	129.999	12.222	-117.777
1	22	22	24	77.777	46.666	-31.111
1	22	32	14	53.333	28.889	-24.444
1	22	32	36	234.442	58.888	-175.554
1	22	42	8	283.330	95.555	-187.776
1	22	42	13	109.999	8.889	-101.110
1	22	42	15	336.666	113.332	-223.334
1	22	42	21	178.887	48.888	-129.999
1	22	42	31	99.999	5.556	-94.443
1	22	42	36	252.220	8.889	-243.331

TABLE 4. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	14.444	124.443	109.999
1	11	22	32	4.444	13.333	8.889
1	11	32	3	10.000	13.333	3.333
1	11	32	13	10.000	38.889	28.889
1	11	32	23	4.444	106.665	162.221
1	11	32	25	10.000	36.666	26.666
1	11	42	1	25.555	165.554	139.999
1	11	42	7	114.443	299.997	185.554
1	11	42	10	5.556	176.665	171.109
1	11	42	14	34.444	187.776	153.332
1	11	42	27	104.443	178.887	74.444
1	11	42	35	0.0	0.0	0.0
1	12	12	28	62.222	65.555	3.333
1	12	22	4	0.0	63.333	63.333
1	12	22	8	61.111	94.443	33.333
1	12	22	19	0.0	67.777	67.777
1	12	22	27	37.777	65.555	27.777
1	12	22	35	57.777	111.110	53.333
1	12	32	3	98.888	11.111	-87.777
1	12	32	12	0.0	23.333	23.333
1	12	32	21	0.0	2.222	2.222
1	12	32	35	2.222	3.333	1.111
1	12	42	3	0.0	0.0	0.0
1	12	42	12	1.111	2.222	1.111
1	12	42	19	35.555	24.444	-11.111
1	12	42	26	20.000	20.000	0.0
1	12	42	28	0.0	34.444	34.444
1	12	42	31	139.999	191.109	51.111
1	22	22	15	52.222	161.109	108.888
1	22	22	17	4.444	25.555	21.111
1	22	22	24	1.111	0.0	-1.111
1	22	32	14	2.222	8.889	6.667
1	22	32	36	0.0	94.443	94.443
1	22	42	8	6.667	108.888	102.221
1	22	42	13	147.776	481.106	333.330
1	22	42	15	0.0	0.0	0.0
1	22	42	21	33.333	392.218	358.885
1	22	42	31	135.554	245.553	109.999
1	22	42	36	52.222	121.110	68.888

TABLE 5. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	0.0	0.0	0.0
1	11	22	32	3.333	0.0	-3.333
1	11	32	3	0.0	0.0	0.0
1	11	32	13	0.0	0.0	0.0
1	11	32	23	0.0	0.0	0.0
1	11	32	25	0.0	0.0	0.0
1	11	42	1	0.0	0.0	0.0
1	11	42	7	0.0	0.0	0.0
1	11	42	10	0.0	0.0	0.0
1	11	42	14	0.0	0.0	0.0
1	11	42	27	65.555	0.0	-65.555
1	11	42	35	0.0	0.0	0.0
1	12	12	28	0.0	0.0	0.0
1	12	22	4	0.0	0.0	0.0
1	12	22	8	0.0	0.0	0.0
1	12	22	19	0.0	0.0	0.0
1	12	22	27	0.0	0.0	0.0
1	12	22	35	0.0	0.0	0.0
1	12	32	3	0.0	0.0	0.0
1	12	32	12	45.555	24.444	-21.111
1	12	32	21	0.0	0.0	0.0
1	12	32	35	0.0	0.0	0.0
1	12	42	3	0.0	0.0	0.0
1	12	42	12	0.0	0.0	0.0
1	12	42	19	0.0	0.0	0.0
1	12	42	26	0.0	0.0	0.0
1	12	42	28	0.0	0.0	0.0
1	12	42	31	27.777	0.0	-27.777
1	22	22	15	0.0	0.0	0.0
1	22	22	17	0.0	0.0	0.0
1	22	22	24	0.0	0.0	0.0
1	22	32	14	0.0	0.0	0.0
1	22	32	36	0.0	0.0	0.0
1	22	42	8	0.0	0.0	0.0
1	22	42	13	0.0	0.0	0.0
1	22	42	15	0.0	0.0	0.0
1	22	42	21	0.0	0.0	0.0
1	22	42	31	11.111	0.0	-11.111
1	22	42	36	0.0	0.0	0.0

TABLE 6. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	44.444	171.109	126.665
1	11	22	32	0.0	73.333	73.333
1	11	32	3	17.778	203.331	185.554
1	11	32	13	42.222	32.222	-10.000
1	11	32	23	44.444	238.887	194.443
1	11	32	25	49.999	292.219	242.220
1	11	42	1	11.111	93.332	82.221
1	11	42	7	83.333	133.332	49.999
1	11	42	10	116.665	25.555	-91.110
1	11	42	14	67.777	53.333	-14.444
1	11	42	27	56.666	92.221	35.555
1	11	42	35	1.111	81.110	79.999
1	12	12	28	0.0	0.0	0.0
1	12	22	4	105.555	159.998	54.444
1	12	22	8	107.777	179.998	72.221
1	12	22	19	92.221	145.554	53.333
1	12	22	27	74.444	234.442	159.998
1	12	22	35	135.554	159.998	24.444
1	12	32	3	4.444	165.554	161.109
1	12	32	12	73.333	107.777	34.444
1	12	32	21	0.0	1.111	1.111
1	12	32	35	17.778	49.999	32.222
1	12	42	3	0.0	5.556	5.556
1	12	42	12	12.222	2.222	-10.000
1	12	42	19	5.556	124.443	118.888
1	12	42	26	0.0	64.444	64.444
1	12	42	28	0.0	31.111	31.111
1	12	42	31	53.333	61.111	7.778
1	22	22	15	122.221	195.554	73.333
1	22	22	17	33.333	176.665	143.332
1	22	22	24	4.444	6.667	2.222
1	22	32	14	2.222	73.333	71.110
1	22	32	36	119.999	135.554	15.555
1	22	42	8	31.111	141.110	109.999
1	22	42	13	201.109	52.222	-148.887
1	22	42	15	12.222	203.331	191.109
1	22	42	21	301.108	65.555	-235.553
1	22	42	31	131.110	118.888	-12.222
1	22	42	36	12.222	159.998	147.776

TABLE 7. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	22.222	41.111	18.889
1	11	22	32	6.667	22.222	15.555
1	11	32	3	15.555	5.556	-10.000
1	11	32	13	13.333	16.666	3.333
1	11	32	23	2.222	3.333	1.111
1	11	32	25	10.000	11.111	1.111
1	11	42	1	8.889	6.667	-2.222
1	11	42	7	18.889	5.556	-13.333
1	11	42	10	3.333	13.333	10.000
1	11	42	14	27.777	28.889	1.111
1	11	42	27	5.556	6.667	1.111
1	11	42	35	1.111	6.667	5.556
1	12	12	28	7.778	15.555	7.778
1	12	22	4	23.333	15.555	-7.778
1	12	22	8	13.333	17.778	4.444
1	12	22	19	7.778	12.222	4.444
1	12	22	27	11.111	17.778	6.667
1	12	22	35	26.666	23.333	-3.333
1	12	32	3	8.889	14.444	5.556
1	12	32	12	2.222	18.889	16.666
1	12	32	21	1.111	5.556	4.444
1	12	32	35	6.667	31.111	24.444
1	12	42	3	3.333	4.444	1.111
1	12	42	12	8.889	6.667	-2.222
1	12	42	19	6.667	18.889	12.222
1	12	42	26	4.444	17.778	13.333
1	12	42	28	0.0	10.000	10.000
1	12	42	31	6.667	15.555	8.889
1	22	22	15	16.666	14.444	-2.222
1	22	22	17	8.889	18.889	10.000
1	22	22	24	3.333	6.667	3.333
1	22	32	14	33.333	49.999	16.667
1	22	32	36	15.555	36.666	21.111
1	22	42	8	12.222	14.444	2.222
1	22	42	13	24.444	1.111	-23.333
1	22	42	15	6.667	7.778	1.111
1	22	42	21	3.333	5.556	2.222
1	22	42	31	6.667	12.222	5.556
1	22	42	36	5.556	4.444	-1.111

TABLE 8. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	0.0	0.0	0.0
1	11	22	32	0.0	0.0	0.0
1	11	32	3	0.0	0.0	0.0
1	11	32	13	0.0	0.0	0.0
1	11	32	23	0.0	0.0	0.0
1	11	32	25	0.0	0.0	0.0
1	11	42	1	0.0	0.0	0.0
1	11	42	7	0.0	0.0	0.0
1	11	42	10	0.0	0.0	0.0
1	11	42	14	0.0	0.0	0.0
1	11	42	27	0.0	0.0	0.0
1	11	42	35	0.0	0.0	0.0
1	12	12	28	68.888	54.444	-14.444
1	12	22	4	2.222	0.0	-2.222
1	12	22	8	0.0	0.0	0.0
1	12	22	19	0.0	0.0	0.0
1	12	22	27	0.0	0.0	0.0
1	12	22	35	0.0	0.0	0.0
1	12	32	3	0.0	0.0	0.0
1	12	32	12	0.0	0.0	0.0
1	12	32	21	0.0	0.0	0.0
1	12	32	35	0.0	0.0	0.0
1	12	42	3	0.0	0.0	0.0
1	12	42	12	0.0	0.0	0.0
1	12	42	19	0.0	0.0	0.0
1	12	42	26	0.0	0.0	0.0
1	12	42	28	0.0	0.0	0.0
1	12	42	31	0.0	0.0	0.0
1	22	22	15	0.0	0.0	0.0
1	22	22	17	0.0	0.0	0.0
1	22	22	24	421.107	395.552	-25.555
1	22	32	14	0.0	0.0	0.0
1	22	32	36	0.0	0.0	0.0
1	22	42	8	0.0	0.0	0.0
1	22	42	13	0.0	0.0	0.0
1	22	42	15	0.0	0.0	0.0
1	22	42	21	0.0	0.0	0.0
1	22	42	31	0.0	0.0	0.0
1	22	42	36	0.0	0.0	0.0

TABLE 9. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	2.222	2.222	0.0
1	11	22	32	5.556	3.333	-2.222
1	11	32	3	3.333	4.444	1.111
1	11	32	13	3.333	7.778	4.444
1	11	32	23	1.111	3.333	2.222
1	11	32	25	3.333	2.222	-1.111
1	11	42	1	3.333	3.333	0.0
1	11	42	7	0.0	0.0	0.0
1	11	42	10	3.333	4.444	1.111
1	11	42	14	1.111	1.111	0.0
1	11	42	27	1.111	0.0	-1.111
1	11	42	35	6.667	6.667	0.0
1	12	12	28	4.444	1.111	-3.333
1	12	22	4	2.222	3.333	1.111
1	12	22	8	0.0	0.0	0.0
1	12	22	19	1.111	3.333	2.222
1	12	22	27	1.111	0.0	-1.111
1	12	22	35	7.778	2.222	-5.556
1	12	32	3	3.333	8.889	5.556
1	12	32	12	4.444	5.556	1.111
1	12	32	21	2.222	4.444	2.222
1	12	32	35	4.444	3.333	-1.111
1	12	42	3	6.667	4.444	-2.222
1	12	42	12	1.111	7.778	6.667
1	12	42	19	1.111	2.222	1.111
1	12	42	26	2.222	1.111	-1.111
1	12	42	28	6.667	4.444	-2.222
1	12	42	31	1.111	3.333	2.222
1	22	22	15	4.444	7.778	3.333
1	22	22	17	7.778	6.667	-1.111
1	22	22	24	1.111	0.0	-1.111
1	22	32	14	1.111	1.111	0.0
1	22	32	36	1.111	6.667	5.556
1	22	42	8	3.333	1.111	-2.222
1	22	42	13	0.0	0.0	0.0
1	22	42	15	2.222	3.333	1.111
1	22	42	21	0.0	1.111	1.111
1	22	42	31	4.444	1.111	-3.333
1	22	42	36	0.0	6.667	6.667

TABLE 10. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	4.444	1.111	-3.333
1	11	22	32	6.667	8.889	2.222
1	11	32	3	4.444	3.333	-1.111
1	11	32	13	4.444	4.444	0.0
1	11	32	23	3.333	6.667	3.333
1	11	32	25	5.556	3.333	-2.222
1	11	42	1	2.222	4.444	2.222
1	11	42	7	6.667	0.0	-6.667
1	11	42	10	7.778	7.778	0.0
1	11	42	14	5.556	5.556	0.0
1	11	42	27	4.444	5.556	1.111
1	11	42	35	13.333	13.333	0.0
1	12	12	28	1.111	0.0	-1.111
1	12	22	4	5.556	10.000	4.444
1	12	22	8	0.0	4.444	4.444
1	12	22	19	10.000	3.333	-6.667
1	12	22	27	4.444	3.333	-1.111
1	12	22	35	5.556	4.444	-1.111
1	12	32	3	4.444	4.444	0.0
1	12	32	12	7.778	6.667	-1.111
1	12	32	21	0.0	5.556	5.556
1	12	32	35	7.778	8.889	1.111
1	12	42	3	5.556	5.556	0.0
1	12	42	12	10.000	12.222	2.222
1	12	42	19	4.444	2.222	-2.222
1	12	42	26	12.222	8.889	-3.333
1	12	42	28	12.222	7.778	-4.444
1	12	42	31	0.0	3.333	3.333
1	22	22	15	7.778	11.111	3.333
1	22	22	17	10.000	5.556	-4.444
1	22	22	24	0.0	0.0	0.0
1	22	32	14	3.333	2.222	-1.111
1	22	32	36	4.444	7.778	3.333
1	22	42	8	4.444	2.222	-2.222
1	22	42	13	2.222	2.222	0.0
1	22	42	15	11.111	6.667	-4.444
1	22	42	21	6.667	5.556	-1.111
1	22	42	31	3.333	4.444	1.111
1	22	42	36	3.333	4.444	1.111

TABLE 11. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	0.0	0.0	0.0
1	11	22	32	0.0	0.0	0.0
1	11	32	3	0.0	0.0	0.0
1	11	32	13	0.0	0.0	0.0
1	11	32	23	0.0	0.0	0.0
1	11	32	25	0.0	0.0	0.0
1	11	42	1	0.0	0.0	0.0
1	11	42	7	0.0	0.0	0.0
1	11	42	10	0.0	0.0	0.0
1	11	42	14	0.0	0.0	0.0
1	11	42	27	0.0	0.0	0.0
1	11	42	35	0.0	0.0	0.0
1	12	12	28	0.0	0.0	0.0
1	12	22	4	0.0	0.0	0.0
1	12	22	8	0.0	0.0	0.0
1	12	22	19	0.0	0.0	0.0
1	12	22	27	0.0	0.0	0.0
1	12	22	35	0.0	0.0	0.0
1	12	32	3	0.0	0.0	0.0
1	12	32	12	0.0	0.0	0.0
1	12	32	21	13.333	13.333	0.0
1	12	32	35	4.444	4.444	0.0
1	12	42	3	3.333	3.333	0.0
1	12	42	12	5.556	6.667	1.111
1	12	42	19	0.0	0.0	0.0
1	12	42	26	0.0	0.0	0.0
1	12	42	28	0.0	0.0	0.0
1	12	42	31	0.0	0.0	0.0
1	22	22	15	0.0	0.0	0.0
1	22	22	17	4.444	1.111	-3.333
1	22	22	24	0.0	0.0	0.0
1	22	32	14	0.0	0.0	0.0
1	22	32	36	0.0	0.0	0.0
1	22	42	8	0.0	0.0	0.0
1	22	42	13	0.0	0.0	0.0
1	22	42	15	0.0	0.0	0.0
1	22	42	21	0.0	0.0	0.0
1	22	42	31	0.0	0.0	0.0
1	22	42	36	0.0	0.0	0.0

TABLE 12. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	14.444	6.667	-7.778
1	11	22	32	2.222	2.222	0.0
1	11	32	3	0.0	0.0	0.0
1	11	32	13	1.111	0.0	-1.111
1	11	32	23	1.111	0.0	-1.111
1	11	32	25	4.444	1.111	-3.333
1	11	42	1	5.556	0.0	-5.556
1	11	42	7	6.667	6.667	0.0
1	11	42	10	0.0	1.111	1.111
1	11	42	14	11.111	1.111	-10.000
1	11	42	27	0.0	0.0	0.0
1	11	42	35	0.0	1.111	1.111
1	12	12	28	7.778	6.667	-1.111
1	12	22	4	7.778	2.222	-5.556
1	12	22	8	7.778	2.222	-5.556
1	12	22	19	3.333	0.0	-3.333
1	12	22	27	1.111	1.111	0.0
1	12	22	35	1.111	1.111	0.0
1	12	32	3	0.0	2.222	2.222
1	12	32	12	0.0	1.111	1.111
1	12	32	21	0.0	0.0	0.0
1	12	32	35	0.0	3.333	3.333
1	12	42	3	0.0	0.0	0.0
1	12	42	12	0.0	3.333	3.333
1	12	42	19	3.333	1.111	-2.222
1	12	42	26	2.222	1.111	-1.111
1	12	42	28	0.0	3.333	3.333
1	12	42	31	0.0	0.0	0.0
1	22	22	15	5.556	4.444	-1.111
1	22	22	17	0.0	0.0	0.0
1	22	22	24	21.111	26.666	5.555
1	22	32	14	18.889	7.778	-11.111
1	22	32	36	7.778	4.444	-3.333
1	22	42	8	6.667	10.000	3.333
1	22	42	13	10.000	0.0	-10.000
1	22	42	15	1.111	3.333	2.222
1	22	42	21	2.222	2.222	0.0
1	22	42	31	0.0	0.0	0.0
1	22	42	36	8.889	2.222	-6.667

TABLE 13. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	1.111	1.111	0.0
1	11	22	32	8.889	10.000	1.111
1	11	32	3	5.556	3.333	-2.222
1	11	32	13	3.333	7.778	4.444
1	11	32	23	4.444	6.667	2.222
1	11	32	25	7.778	2.222	-5.556
1	11	42	1	5.556	10.000	4.444
1	11	42	7	4.444	1.111	-3.333
1	11	42	10	6.667	2.222	-4.444
1	11	42	14	2.222	2.222	0.0
1	11	42	27	3.333	5.556	2.222
1	11	42	35	8.889	11.111	2.222
1	12	12	28	1.111	1.111	0.0
1	12	22	4	4.444	7.778	3.333
1	12	22	8	2.222	0.0	-2.222
1	12	22	19	2.222	2.222	0.0
1	12	22	27	1.111	3.333	2.222
1	12	22	35	0.0	2.222	2.222
1	12	32	3	2.222	6.667	4.444
1	12	32	12	8.889	15.555	6.667
1	12	32	21	14.444	17.778	3.333
1	12	32	35	10.000	10.000	0.0
1	12	42	3	8.889	14.444	5.556
1	12	42	12	21.111	23.333	2.222
1	12	42	19	1.111	3.333	2.222
1	12	42	26	13.333	11.111	-2.222
1	12	42	28	8.889	8.889	0.0
1	12	42	31	0.0	2.222	2.222
1	22	22	15	2.222	6.667	4.444
1	22	22	17	3.333	8.889	5.556
1	22	22	24	1.111	4.444	3.333
1	22	32	14	1.111	1.111	0.0
1	22	32	36	0.0	1.111	1.111
1	22	42	8	2.222	1.111	-1.111
1	22	42	13	1.111	2.222	1.111
1	22	42	15	4.444	5.556	1.111
1	22	42	21	1.111	3.333	2.222
1	22	42	31	5.556	4.444	-1.111
1	22	42	36	1.111	3.333	2.222

TABLE 14. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	0.0	0.0	0.0
1	11	22	32	6.667	6.667	0.0
1	11	32	3	0.0	0.0	0.0
1	11	32	13	0.0	0.0	0.0
1	11	32	23	0.0	0.0	0.0
1	11	32	25	0.0	0.0	0.0
1	11	42	1	0.0	0.0	0.0
1	11	42	7	0.0	0.0	0.0
1	11	42	10	0.0	0.0	0.0
1	11	42	14	0.0	0.0	0.0
1	11	42	27	0.0	0.0	0.0
1	11	42	35	0.0	0.0	0.0
1	12	12	28	0.0	0.0	0.0
1	12	22	4	0.0	0.0	0.0
1	12	22	8	0.0	0.0	0.0
1	12	22	19	0.0	0.0	0.0
1	12	22	27	0.0	0.0	0.0
1	12	22	35	0.0	0.0	0.0
1	12	32	3	0.0	0.0	0.0
1	12	32	12	0.0	0.0	0.0
1	12	32	21	0.0	0.0	0.0
1	12	32	35	0.0	0.0	0.0
1	12	42	3	0.0	0.0	0.0
1	12	42	12	0.0	0.0	0.0
1	12	42	19	0.0	0.0	0.0
1	12	42	26	0.0	0.0	0.0
1	12	42	28	0.0	0.0	0.0
1	12	42	31	0.0	0.0	0.0
1	22	22	15	0.0	0.0	0.0
1	22	22	17	126.665	119.999	-6.667
1	22	22	24	0.0	0.0	0.0
1	22	32	14	0.0	0.0	0.0
1	22	32	36	0.0	0.0	0.0
1	22	42	8	0.0	0.0	0.0
1	22	42	13	0.0	0.0	0.0
1	22	42	15	0.0	0.0	0.0
1	22	42	21	0.0	0.0	0.0
1	22	42	31	0.0	0.0	0.0
1	22	42	36	0.0	0.0	0.0

TABLE 15. SAMPLE SECTIONS AND LAND USE DATA

BROWN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1938	1969	CHANGE
1	11	22	19	0.0	0.0	0.0
1	11	22	32	0.0	0.0	0.0
1	11	32	3	0.0	0.0	0.0
1	11	32	13	0.0	0.0	0.0
1	11	32	23	0.0	0.0	0.0
1	11	32	25	0.0	0.0	0.0
1	11	42	1	0.0	0.0	0.0
1	11	42	7	0.0	0.0	0.0
1	11	42	10	0.0	0.0	0.0
1	11	42	14	0.0	0.0	0.0
1	11	42	27	0.0	0.0	0.0
1	11	42	35	0.0	0.0	0.0
1	12	12	28	91.110	63.333	-27.777
1	12	22	4	0.0	0.0	0.0
1	12	22	8	0.0	0.0	0.0
1	12	22	19	0.0	0.0	0.0
1	12	22	27	0.0	0.0	0.0
1	12	22	35	0.0	0.0	0.0
1	12	32	3	0.0	0.0	0.0
1	12	32	12	0.0	0.0	0.0
1	12	32	21	0.0	0.0	0.0
1	12	32	35	0.0	0.0	0.0
1	12	42	3	0.0	0.0	0.0
1	12	42	12	0.0	0.0	0.0
1	12	42	19	0.0	0.0	0.0
1	12	42	26	0.0	0.0	0.0
1	12	42	28	0.0	0.0	0.0
1	12	42	31	0.0	0.0	0.0
1	22	22	15	0.0	0.0	0.0
1	22	22	17	0.0	0.0	0.0
1	22	22	24	84.444	76.666	-7.778
1	22	32	14	0.0	0.0	0.0
1	22	32	36	0.0	0.0	0.0
1	22	42	8	0.0	0.0	0.0
1	22	42	13	0.0	0.0	0.0
1	22	42	15	0.0	0.0	0.0
1	22	42	21	0.0	0.0	0.0
1	22	42	31	0.0	0.0	0.0
1	22	42	36	0.0	0.0	0.0

TABLE 16. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	15.000	20.000	5.000
2	111	11	26	15.000	10.000	-5.000
2	111	11	28	21.000	17.000	-4.000
2	111	11	31	16.000	14.000	-2.000
2	111	12	11	11.000	13.000	2.000
2	111	12	13	16.000	17.000	1.000
2	111	12	23	22.000	15.000	-7.000
2	111	12	31	16.000	16.000	0.0
2	111	12	34	17.000	19.000	2.000
2	111	22	7	14.000	10.000	-4.000
2	111	22	12	20.000	13.000	-7.000
2	111	22	25	13.000	13.000	0.0
2	111	32	3	16.000	19.000	3.000
2	111	32	7	10.000	11.000	1.000
2	111	32	21	16.000	16.000	0.0
2	111	32	26	20.000	13.000	-7.000
2	111	42	1	13.000	19.000	6.000
2	111	42	23	16.000	14.000	-2.000
2	121	11	4	14.000	17.000	3.000
2	121	11	8	14.000	13.000	-1.000
2	121	11	16	18.000	16.000	-2.000
2	121	12	8	15.000	13.000	-2.000
2	121	12	11	12.000	14.000	2.000
2	121	12	16	17.000	13.000	-4.000
2	121	12	19	14.000	22.000	8.000
2	121	12	29	12.000	18.000	6.000
2	121	12	34	8.000	13.000	5.000
2	121	22	4	11.000	8.000	-3.000
2	121	22	7	21.000	26.000	5.000
2	121	22	17	15.000	10.000	-5.000
2	121	22	23	20.000	16.000	-4.000
2	121	22	31	13.000	13.000	0.0
2	121	32	2	18.000	22.000	4.000
2	121	32	21	13.000	15.000	2.000
2	121	32	33	17.000	17.000	0.0
2	121	42	15	13.000	12.000	-1.000
2	121	42	24	13.000	7.000	-6.000
2	131	11	20	13.000	14.000	1.000
2	131	12	5	17.000	16.000	-1.000
2	131	12	10	18.000	17.000	-1.000
2	131	12	17	16.000	17.000	1.000
2	131	12	19	12.000	13.000	1.000
2	131	12	29	22.000	14.000	-8.000
2	131	12	31	25.000	26.000	1.000
2	131	22	11	16.000	12.000	-4.000
2	131	22	30	19.000	22.000	3.000
2	131	32	5	14.000	11.000	-3.000
2	131	32	36	18.000	21.000	3.000
2	131	42	2	18.000	10.000	-8.000
2	131	42	27	15.000	8.000	-7.000

TABLE 16. CONTINUED

CHRISTIAN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	13.000	11.000	-2.000
2	141	11	21	10.000	11.000	1.000
2	141	11	31	13.000	19.000	6.000
2	141	11	33	11.000	9.000	-2.000
2	141	12	22	16.000	10.000	-6.000
2	141	12	35	9.000	13.000	4.000
2	141	22	6	18.000	12.000	-6.000
2	141	22	11	12.000	11.000	-1.000
2	141	22	20	15.000	12.000	-3.000
2	141	22	28	17.000	13.000	-4.000
2	141	22	32	11.000	9.000	-2.000
2	141	32	3	17.000	13.000	-4.000
2	141	32	17	9.000	16.000	7.000
2	141	32	25	15.000	12.000	-3.000
2	141	32	29	13.000	12.000	-1.000
2	151	12	8	14.000	14.000	0.0
2	151	12	15	12.000	19.000	7.000
2	151	12	21	10.000	11.000	1.000
2	151	12	26	19.000	8.000	-11.000
2	151	22	22	11.000	12.000	1.000
2	161	12	26	17.000	24.000	7.000
2	161	12	36	16.000	9.000	-7.000

TABLE 17. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	605.550	602.216	-3.333
2	111	11	26	597.772	601.105	3.333
2	111	11	28	409.996	244.442	-165.554
2	111	11	31	556.661	599.994	43.333
2	111	12	11	599.994	608.883	8.889
2	111	12	13	553.328	588.883	35.555
2	111	12	23	529.995	543.328	13.333
2	111	12	31	596.661	596.661	0.0
2	111	12	34	568.883	584.438	15.555
2	111	22	7	598.883	612.216	13.333
2	111	22	12	593.327	618.883	25.555
2	111	22	25	563.328	556.661	-6.667
2	111	32	3	442.218	485.551	43.333
2	111	32	7	506.662	485.551	-21.111
2	111	32	21	479.995	592.216	112.221
2	111	32	26	586.661	601.105	14.444
2	111	42	1	493.328	537.772	44.444
2	111	42	23	593.327	587.772	-5.555
2	121	11	4	621.105	612.216	-8.889
2	121	11	8	604.438	625.549	21.111
2	121	11	16	602.216	609.994	7.778
2	121	12	8	537.772	541.106	3.333
2	121	12	11	595.550	607.772	12.222
2	121	12	16	508.884	564.439	55.555
2	121	12	19	501.106	474.440	-26.666
2	121	12	29	532.217	547.772	15.555
2	121	12	34	587.772	571.105	-16.667
2	121	22	4	252.220	295.552	43.333
2	121	22	7	422.218	429.996	7.778
2	121	22	17	252.220	548.883	296.664
2	121	22	23	411.107	401.107	-10.000
2	121	22	31	612.216	607.772	-4.444
2	121	32	2	364.441	363.330	-1.111
2	121	32	21	464.440	404.440	-59.999
2	121	32	33	382.218	435.551	53.333
2	121	42	15	595.550	603.327	7.778
2	121	42	24	601.105	608.883	7.778
2	131	11	20	597.772	608.883	11.111
2	131	12	5	588.883	611.105	22.222
2	131	12	10	388.885	364.441	-24.444
2	131	12	17	268.886	219.998	-48.888
2	131	12	19	193.331	368.885	175.554
2	131	12	29	543.328	569.994	26.667
2	131	12	31	358.885	334.441	-24.444
2	131	22	11	617.771	611.105	-6.667
2	131	22	30	311.108	321.108	10.000
2	131	32	5	479.995	443.329	-36.666
2	131	32	36	254.442	304.441	50.000
2	131	42	2	541.106	501.106	-40.000
2	131	42	27	593.327	601.105	7.778

TABLE 17. CONTINUED

CHRISTIAN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	602.216	622.216	20.000
2	141	11	21	573.328	623.327	50.000
2	141	11	31	455.551	472.218	16.667
2	141	11	33	372.219	392.218	20.000
2	141	12	22	545.550	534.439	-11.111
2	141	12	35	612.216	606.661	-5.555
2	141	22	6	615.549	624.438	8.889
2	141	22	11	604.438	617.771	13.333
2	141	22	20	594.438	585.550	-8.889
2	141	22	28	504.439	531.106	26.666
2	141	22	32	612.216	621.105	8.889
2	141	32	3	603.327	618.883	15.555
2	141	32	17	582.216	534.439	-47.777
2	141	32	25	608.883	607.772	-1.111
2	141	32	29	474.439	426.662	-47.777
2	151	12	8	583.327	598.883	15.555
2	151	12	15	532.217	544.439	12.222
2	151	12	21	605.550	609.994	4.444
2	151	12	26	618.883	617.771	-1.111
2	151	22	22	598.883	594.438	-4.444
2	161	12	26	422.218	444.439	22.221
2	161	12	36	501.106	539.995	38.889

TABLE 18. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	4.444	2.222	-2.222
2	111	11	26	13.333	6.667	-6.667
2	111	11	28	149.999	1.111	-148.887
2	111	11	31	52.222	0.0	-52.222
2	111	12	11	5.556	0.0	-5.556
2	111	12	13	49.999	2.222	-47.777
2	111	12	23	13.333	7.778	-5.556
2	111	12	31	5.556	11.111	5.556
2	111	12	34	32.222	10.000	-22.222
2	111	22	7	15.555	5.556	-10.000
2	111	22	12	21.111	1.111	-20.000
2	111	22	25	40.000	58.888	18.889
2	111	32	3	146.665	57.777	-88.888
2	111	32	7	0.0	1.111	1.111
2	111	32	21	115.554	3.333	-112.221
2	111	32	26	18.889	11.111	-7.778
2	111	42	1	81.110	37.777	-43.333
2	111	42	23	10.000	10.000	0.0
2	121	11	4	0.0	1.111	1.111
2	121	11	8	20.000	2.222	-17.778
2	121	11	16	5.556	2.222	-3.333
2	121	12	8	18.889	51.111	32.222
2	121	12	11	11.111	3.333	-7.778
2	121	12	16	59.999	3.333	-56.666
2	121	12	19	76.666	91.110	14.444
2	121	12	29	71.110	45.555	-25.555
2	121	12	34	26.666	35.555	8.889
2	121	22	4	182.220	45.555	-136.665
2	121	22	7	126.665	72.221	-54.444
2	121	22	17	352.219	37.777	-314.441
2	121	22	23	154.443	34.444	-119.999
2	121	22	31	2.222	6.667	4.444
2	121	32	2	227.775	107.777	-119.999
2	121	32	21	81.110	91.110	10.000
2	121	32	33	183.331	67.777	-115.554
2	121	42	15	6.667	10.000	3.333
2	121	42	24	4.444	1.111	-3.333
2	131	11	20	8.889	1.111	-7.778
2	131	12	5	11.111	0.0	-11.111
2	131	12	10	109.999	36.666	-73.333
2	131	12	17	129.999	85.555	-44.444
2	131	12	19	109.999	24.444	-85.555
2	131	12	29	55.555	26.666	-28.889
2	131	12	31	189.998	63.333	-126.665
2	131	22	11	2.222	1.111	-1.111
2	131	22	30	105.555	61.111	-44.444
2	131	32	5	108.888	2.222	-106.666
2	131	32	36	221.109	28.889	-192.220
2	131	42	2	72.221	2.222	-69.999
2	131	42	27	15.555	2.222	-13.333

TABLE 18. CONTINUED

CHRISTIAN COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	11.111	4.444	-6.667
2	141	11	21	42.222	0.0	-42.222
2	141	11	31	142.221	118.888	-23.333
2	141	11	33	86.666	13.333	-73.333
2	141	12	22	6.667	1.111	-5.556
2	141	12	35	12.222	7.778	-4.444
2	141	22	6	10.000	0.0	-10.000
2	141	22	11	13.333	4.444	-8.889
2	141	22	20	13.333	35.555	22.222
2	141	22	28	109.999	64.444	-45.555
2	141	22	32	6.667	4.444	-2.222
2	141	32	3	4.444	3.333	-1.111
2	141	32	17	1.111	2.222	1.111
2	141	32	25	2.222	1.111	-1.111
2	141	32	29	113.332	0.0	-113.332
2	151	12	8	2.222	2.222	0.0
2	151	12	15	78.888	49.999	-28.889
2	151	12	21	4.444	2.222	-2.222
2	151	12	26	2.222	0.0	-2.222
2	151	22	22	4.444	0.0	-4.444
2	161	12	26	54.444	14.444	-40.000
2	161	12	36	58.888	14.444	-44.444

TABLE 19. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	0.0	0.0	0.0
2	111	11	31	0.0	0.0	0.0
2	111	12	11	0.0	0.0	0.0
2	111	12	13	0.0	2.222	2.222
2	111	12	23	0.0	0.0	0.0
2	111	12	31	0.0	0.0	0.0
2	111	12	34	0.0	0.0	0.0
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	0.0	0.0	0.0
2	111	32	3	0.0	0.0	0.0
2	111	32	7	0.0	0.0	0.0
2	111	32	21	0.0	0.0	0.0
2	111	32	26	0.0	0.0	0.0
2	111	42	1	0.0	0.0	0.0
2	111	42	23	0.0	0.0	0.0
2	121	11	4	0.0	0.0	0.0
2	121	11	8	0.0	0.0	0.0
2	121	11	16	0.0	0.0	0.0
2	121	12	8	6.667	4.444	-2.222
2	121	12	11	0.0	0.0	0.0
2	121	12	16	0.0	0.0	0.0
2	121	12	19	3.333	7.778	4.444
2	121	12	29	0.0	0.0	0.0
2	121	12	34	0.0	8.889	8.889
2	121	22	4	133.332	272.219	138.887
2	121	22	7	34.444	78.888	44.444
2	121	22	17	0.0	4.444	4.444
2	121	22	23	0.0	0.0	0.0
2	121	22	31	0.0	0.0	0.0
2	121	32	2	14.444	107.777	93.332
2	121	32	21	64.444	33.333	-31.111
2	121	32	33	14.444	0.0	-14.444
2	121	42	15	0.0	0.0	0.0
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	0.0	0.0
2	131	12	5	0.0	0.0	0.0
2	131	12	10	77.777	184.443	106.666
2	131	12	17	108.888	197.776	88.888
2	131	12	19	40.000	169.998	129.999
2	131	12	29	0.0	0.0	0.0
2	131	12	31	11.111	21.111	10.000
2	131	22	11	0.0	0.0	0.0
2	131	22	30	30.000	149.999	119.999
2	131	32	5	0.0	0.0	0.0
2	131	32	36	82.221	146.665	64.444
2	131	42	2	0.0	0.0	0.0
2	131	42	27	0.0	0.0	0.0

TABLE 19. CONTINUED

CHRISTIAN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	0.0	0.0	0.0
2	141	11	33	0.0	214.442	214.442
2	141	12	22	0.0	0.0	0.0
2	141	12	35	0.0	0.0	0.0
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	0.0	0.0
2	141	22	32	0.0	0.0	0.0
2	141	32	3	0.0	0.0	0.0
2	141	32	17	14.444	57.777	43.333
2	141	32	25	0.0	0.0	0.0
2	141	32	29	0.0	0.0	0.0
2	151	12	8	0.0	0.0	0.0
2	151	12	15	0.0	0.0	0.0
2	151	12	21	0.0	0.0	0.0
2	151	12	26	0.0	0.0	0.0
2	151	22	22	0.0	0.0	0.0
2	161	12	26	89.999	73.333	-16.667
2	161	12	36	12.222	49.999	37.777

TABLE 20. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	0.0	0.0	0.0
2	111	11	31	0.0	0.0	0.0
2	111	12	11	0.0	0.0	0.0
2	111	12	13	1.111	0.0	-1.111
2	111	12	23	1.111	0.0	-1.111
2	111	12	31	2.222	0.0	-2.222
2	111	12	34	1.111	0.0	-1.111
2	111	22	7	0.0	0.0	0.0
2	111	22	12	1.111	0.0	-1.111
2	111	22	25	0.0	0.0	0.0
2	111	32	3	0.0	0.0	0.0
2	111	32	7	10.000	0.0	-10.000
2	111	32	21	1.111	0.0	-1.111
2	111	32	26	5.556	0.0	-5.556
2	111	42	1	0.0	0.0	0.0
2	111	42	23	0.0	0.0	0.0
2	121	11	4	1.111	0.0	-1.111
2	121	11	8	0.0	0.0	0.0
2	121	11	16	0.0	0.0	0.0
2	121	12	8	0.0	0.0	0.0
2	121	12	11	0.0	0.0	0.0
2	121	12	16	2.222	0.0	-2.222
2	121	12	19	13.333	0.0	-13.333
2	121	12	29	0.0	0.0	0.0
2	121	12	34	1.111	0.0	-1.111
2	121	22	4	0.0	0.0	0.0
2	121	22	7	0.0	0.0	0.0
2	121	22	17	0.0	0.0	0.0
2	121	22	23	23.333	0.0	-23.333
2	121	22	31	0.0	0.0	0.0
2	121	32	2	1.111	0.0	-1.111
2	121	32	21	0.0	0.0	0.0
2	121	32	33	2.222	0.0	-2.222
2	121	42	15	1.111	0.0	-1.111
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	0.0	0.0
2	131	12	5	0.0	0.0	0.0
2	131	12	10	6.667	0.0	-6.667
2	131	12	17	2.222	0.0	-2.222
2	131	12	19	0.0	3.333	3.333
2	131	12	29	12.222	0.0	-12.222
2	131	12	31	0.0	0.0	0.0
2	131	22	11	0.0	0.0	0.0
2	131	22	30	7.778	16.666	8.888
2	131	32	5	0.0	0.0	0.0
2	131	32	36	2.222	0.0	-2.222
2	131	42	2	1.111	0.0	-1.111
2	131	42	27	4.444	0.0	-4.444

TABLE 20. CONTINUED

CHRISTIAN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	0.0	0.0	0.0
2	141	11	33	0.0	0.0	0.0
2	141	12	22	0.0	0.0	0.0
2	141	12	35	5.556	0.0	-5.556
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	0.0	0.0
2	141	22	32	0.0	0.0	0.0
2	141	32	3	5.556	0.0	-5.556
2	141	32	17	0.0	0.0	0.0
2	141	32	25	0.0	0.0	0.0
2	141	32	29	3.333	0.0	-3.333
2	151	12	8	0.0	0.0	0.0
2	151	12	15	0.0	0.0	0.0
2	151	12	21	0.0	0.0	0.0
2	151	12	26	0.0	0.0	0.0
2	151	22	22	2.222	0.0	-2.222
2	161	12	26	1.111	0.0	-1.111
2	161	12	36	1.111	0.0	-1.111

TABLE 21. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	5.556	5.556
2	111	11	28	5.556	93.332	87.777
2	111	11	31	0.0	4.444	4.444
2	111	12	11	0.0	0.0	0.0
2	111	12	13	0.0	0.0	0.0
2	111	12	23	2.222	2.222	0.0
2	111	12	31	0.0	0.0	0.0
2	111	12	34	0.0	3.333	3.333
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	0.0	0.0	0.0
2	111	32	3	18.889	64.444	45.555
2	111	32	7	3.333	0.0	-3.333
2	111	32	21	0.0	8.889	8.889
2	111	32	26	0.0	0.0	0.0
2	111	42	1	17.778	16.666	-1.111
2	111	42	23	0.0	0.0	0.0
2	121	11	4	0.0	0.0	0.0
2	121	11	8	5.556	0.0	-5.556
2	121	11	16	0.0	0.0	0.0
2	121	12	8	42.222	0.0	-42.222
2	121	12	11	0.0	1.111	1.111
2	121	12	16	17.778	3.333	-14.444
2	121	12	19	11.111	4.444	-6.667
2	121	12	29	0.0	16.666	16.666
2	121	12	34	0.0	0.0	0.0
2	121	22	4	43.333	5.556	-37.777
2	121	22	7	8.889	2.222	-6.667
2	121	22	17	3.333	13.333	10.000
2	121	22	23	20.000	44.444	24.444
2	121	22	31	0.0	0.0	0.0
2	121	32	2	0.0	20.000	20.000
2	121	32	21	0.0	71.110	71.110
2	121	32	33	22.222	76.666	54.444
2	121	42	15	0.0	0.0	0.0
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	1.111	1.111
2	131	12	5	0.0	0.0	0.0
2	131	12	10	24.444	16.666	-7.778
2	131	12	17	115.554	117.777	2.222
2	131	12	19	279.997	40.000	-239.997
2	131	12	29	0.0	5.556	5.556
2	131	12	31	38.889	62.222	23.333
2	131	22	11	0.0	0.0	0.0
2	131	22	30	159.998	42.222	-117.777
2	131	32	5	21.111	33.333	12.222
2	131	32	36	38.889	103.332	64.444
2	131	42	2	1.111	37.777	36.666
2	131	42	27	0.0	0.0	0.0

TABLE 21. CONTINUED

CHRISTIAN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	7.778	23.333	15.555
2	141	11	33	169.998	4.444	-165.554
2	141	12	22	3.333	3.333	0.0
2	141	12	35	0.0	0.0	0.0
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	3.333	3.333
2	141	22	32	1.111	0.0	-1.111
2	141	32	3	0.0	0.0	0.0
2	141	32	17	27.777	14.444	-13.333
2	141	32	25	0.0	0.0	0.0
2	141	32	29	24.444	31.111	6.667
2	151	12	8	20.000	2.222	-17.778
2	151	12	15	0.0	5.556	5.556
2	151	12	21	0.0	2.222	2.222
2	151	12	26	4.444	0.0	-4.444
2	151	22	22	2.222	11.111	8.889
2	161	12	26	25.555	47.777	22.222
2	161	12	36	36.666	12.222	-24.444

TABLE 22. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	2.222	2.222	0.0
2	111	11	26	22.222	11.111	-11.111
2	111	11	28	13.333	20.000	6.667
2	111	11	31	12.222	10.000	-2.222
2	111	12	11	16.666	3.333	-13.333
2	111	12	13	26.666	17.778	-8.889
2	111	12	23	26.666	1.111	-25.555
2	111	12	31	14.444	1.111	-13.333
2	111	12	34	18.889	2.222	-16.666
2	111	22	7	7.778	3.333	-4.444
2	111	22	12	12.222	3.333	-8.889
2	111	22	25	13.333	6.667	-6.667
2	111	32	3	18.889	17.778	-1.111
2	111	32	7	3.333	6.667	3.333
2	111	32	21	20.000	11.111	-8.889
2	111	32	26	6.667	3.333	-3.333
2	111	42	1	15.555	10.000	-5.556
2	111	42	23	5.556	4.444	-1.111
2	121	11	4	3.333	0.0	-3.333
2	121	11	8	1.111	2.222	1.111
2	121	11	16	16.666	3.333	-13.333
2	121	12	8	13.333	3.333	-10.000
2	121	12	11	12.222	0.0	-12.222
2	121	12	16	1.111	5.556	4.444
2	121	12	19	20.000	16.666	-3.333
2	121	12	29	24.444	22.222	-2.222
2	121	12	34	12.222	8.889	-3.333
2	121	22	4	16.666	7.778	-8.889
2	121	22	7	8.889	11.111	2.222
2	121	22	17	20.000	17.778	-2.222
2	121	22	23	18.889	11.111	-7.778
2	121	22	31	0.0	5.556	5.556
2	121	32	2	20.000	17.778	-2.222
2	121	32	21	15.555	24.444	8.889
2	121	32	33	6.667	21.111	14.444
2	121	42	15	10.000	0.0	-10.000
2	121	42	24	10.000	2.222	-7.778
2	131	11	20	12.222	0.0	-12.222
2	131	12	5	11.111	2.222	-8.889
2	131	12	10	12.222	21.111	8.889
2	131	12	17	5.556	7.778	2.222
2	131	12	19	6.667	10.000	3.333
2	131	12	29	8.889	0.0	-8.889
2	131	12	31	14.444	17.778	3.333
2	131	22	11	3.333	0.0	-3.333
2	131	22	30	7.778	25.555	17.778
2	131	32	5	14.444	8.889	-5.556
2	131	32	36	25.555	21.111	-4.444
2	131	42	2	8.889	3.333	-5.556
2	131	42	27	16.666	22.222	5.556

TABLE 22. CONTINUED

CHRISTIAN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	6.667	0.0	-6.667
2	141	11	21	7.778	3.333	-4.444
2	141	11	31	10.000	5.556	-4.444
2	141	11	33	3.333	3.333	0.0
2	141	12	22	6.667	4.444	-2.222
2	141	12	35	0.0	1.111	1.111
2	141	22	6	4.444	2.222	-2.222
2	141	22	11	6.667	1.111	-5.556
2	141	22	20	12.222	0.0	-12.222
2	141	22	28	10.000	16.666	6.666
2	141	22	32	13.333	2.222	-11.111
2	141	32	3	5.556	0.0	-5.556
2	141	32	17	8.889	16.667	7.778
2	141	32	25	3.333	1.111	-2.222
2	141	32	29	4.444	7.778	3.333
2	151	12	8	8.889	1.111	-7.778
2	151	12	15	12.222	7.778	-4.444
2	151	12	21	8.889	1.111	-7.778
2	151	12	26	10.000	0.0	-10.000
2	151	22	22	7.778	2.222	-5.556
2	161	12	26	15.555	15.555	0.0
2	161	12	36	5.556	4.444	-1.111

TABLE 23. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	0.0	0.0	0.0
2	111	11	31	0.0	0.0	0.0
2	111	12	11	0.0	0.0	0.0
2	111	12	13	0.0	0.0	0.0
2	111	12	23	0.0	0.0	0.0
2	111	12	31	0.0	0.0	0.0
2	111	12	34	0.0	0.0	0.0
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	0.0	0.0	0.0
2	111	32	3	0.0	0.0	0.0
2	111	32	7	0.0	0.0	0.0
2	111	32	21	0.0	0.0	0.0
2	111	32	26	0.0	0.0	0.0
2	111	42	1	0.0	0.0	0.0
2	111	42	23	0.0	0.0	0.0
2	121	11	4	0.0	0.0	0.0
2	121	11	8	0.0	0.0	0.0
2	121	11	16	0.0	0.0	0.0
2	121	12	8	0.0	0.0	0.0
2	121	12	11	0.0	0.0	0.0
2	121	12	16	0.0	0.0	0.0
2	121	12	19	0.0	16.666	16.666
2	121	12	29	0.0	0.0	0.0
2	121	12	34	0.0	0.0	0.0
2	121	22	4	0.0	0.0	0.0
2	121	22	7	0.0	0.0	0.0
2	121	22	17	0.0	0.0	0.0
2	121	22	23	0.0	20.000	20.000
2	121	22	31	0.0	0.0	0.0
2	121	32	2	0.0	0.0	0.0
2	121	32	21	0.0	0.0	0.0
2	121	32	33	0.0	0.0	0.0
2	121	42	15	0.0	0.0	0.0
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	0.0	0.0
2	131	12	5	0.0	0.0	0.0
2	131	12	10	1.111	0.0	-1.111
2	131	12	17	0.0	0.0	0.0
2	131	12	19	0.0	0.0	0.0
2	131	12	29	0.0	0.0	0.0
2	131	12	31	0.0	0.0	0.0
2	131	22	11	0.0	0.0	0.0
2	131	22	30	0.0	0.0	0.0
2	131	32	5	0.0	22.222	22.222
2	131	32	36	0.0	0.0	0.0
2	131	42	2	0.0	4.444	4.444
2	131	42	27	0.0	0.0	0.0

TABLE 23. CONTINUED

CHRISTIAN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	0.0	0.0	0.0
2	141	11	33	0.0	0.0	0.0
2	141	12	22	0.0	0.0	0.0
2	141	12	35	0.0	0.0	0.0
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	0.0	0.0
2	141	22	32	0.0	0.0	0.0
2	141	32	3	0.0	0.0	0.0
2	141	32	17	0.0	0.0	0.0
2	141	32	25	0.0	0.0	0.0
2	141	32	29	0.0	0.0	0.0
2	151	12	8	0.0	0.0	0.0
2	151	12	15	0.0	0.0	0.0
2	151	12	21	0.0	0.0	0.0
2	151	12	26	0.0	0.0	0.0
2	151	22	22	0.0	0.0	0.0
2	161	12	26	0.0	0.0	0.0
2	161	12	36	0.0	0.0	0.0

TABLE 24. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	4.444	5.556	1.111
2	111	11	26	3.333	2.222	-1.111
2	111	11	28	2.222	0.0	-2.222
2	111	11	31	5.556	3.333	-2.222
2	111	12	11	6.667	5.556	-1.111
2	111	12	13	3.333	7.778	4.444
2	111	12	23	10.000	5.556	-4.444
2	111	12	31	5.556	7.778	2.222
2	111	12	34	5.556	7.778	2.222
2	111	22	7	5.556	5.556	0.0
2	111	22	12	2.222	1.111	-1.111
2	111	22	25	6.667	4.444	-2.222
2	111	32	3	2.222	1.111	-1.111
2	111	32	7	0.0	0.0	0.0
2	111	32	21	10.000	4.444	-5.556
2	111	32	26	3.333	6.667	3.333
2	111	42	1	6.667	7.778	1.111
2	111	42	23	3.333	3.333	0.0
2	121	11	4	3.333	4.444	1.111
2	121	11	8	2.222	3.333	1.111
2	121	11	16	3.333	0.0	-3.333
2	121	12	8	1.111	4.444	3.333
2	121	12	11	5.556	7.778	2.222
2	121	12	16	6.667	6.667	0.0
2	121	12	19	5.556	5.556	0.0
2	121	12	29	3.333	2.222	-1.111
2	121	12	34	5.556	5.556	0.0
2	121	22	4	1.111	1.111	0.0
2	121	22	7	2.222	8.889	6.667
2	121	22	17	6.667	4.444	-2.222
2	121	22	23	5.556	5.556	0.0
2	121	22	31	3.333	3.333	0.0
2	121	32	2	8.889	6.667	-2.222
2	121	32	21	4.444	4.444	0.0
2	121	32	33	4.444	2.222	-2.222
2	121	42	15	11.111	13.333	2.222
2	121	42	24	7.778	4.444	-3.333
2	131	11	20	3.333	5.556	2.222
2	131	12	5	3.333	5.556	2.222
2	131	12	10	5.556	3.333	-2.222
2	131	12	17	1.111	4.444	3.333
2	131	12	19	0.0	2.222	2.222
2	131	12	29	5.556	8.889	3.333
2	131	12	31	4.444	4.444	0.0
2	131	22	11	1.111	1.111	0.0
2	131	22	30	6.667	6.667	0.0
2	131	32	5	6.667	0.0	-6.667
2	131	32	36	6.667	13.333	6.667
2	131	42	2	5.556	1.111	-4.444
2	131	42	27	5.556	3.333	-2.222

TABLE 24. CONTINUED

CHRISTIAN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	5.556	2.222	-3.333
2	141	11	21	5.556	2.222	-3.333
2	141	11	31	7.778	6.667	-1.111
2	141	11	33	3.333	4.444	1.111
2	141	12	22	4.444	4.444	0.0
2	141	12	35	1.111	2.222	1.111
2	141	22	6	2.222	1.111	-1.111
2	141	22	11	6.667	7.778	1.111
2	141	22	20	6.667	5.556	-1.111
2	141	22	28	12.222	7.778	-4.444
2	141	22	32	1.111	2.222	1.111
2	141	32	3	4.444	1.111	-3.333
2	141	32	17	4.444	1.111	-3.333
2	141	32	25	3.333	1.111	-2.222
2	141	32	29	5.556	1.111	-4.444
2	151	12	8	3.333	2.222	-1.111
2	151	12	15	4.444	2.222	-2.222
2	151	12	21	5.556	8.889	3.333
2	151	12	26	3.333	3.333	0.0
2	151	22	22	7.778	8.889	1.111
2	161	12	26	6.667	14.444	7.778
2	161	12	36	3.333	5.556	2.222

TABLE 25. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	3.333	4.444	1.111
2	111	11	26	1.111	4.444	3.333
2	111	11	28	7.778	10.000	2.222
2	111	11	31	4.444	8.889	4.444
2	111	12	11	6.667	8.889	2.222
2	111	12	13	1.111	7.778	6.667
2	111	12	23	6.667	10.000	3.333
2	111	12	31	4.444	7.778	3.333
2	111	12	34	2.222	8.889	6.667
2	111	22	7	6.667	3.333	-3.333
2	111	22	12	6.667	7.778	1.111
2	111	22	25	10.000	5.556	-4.444
2	111	32	3	1.111	3.333	2.222
2	111	32	7	8.889	10.000	1.111
2	111	32	21	7.778	5.556	-2.222
2	111	32	26	7.778	3.333	-4.444
2	111	42	1	2.222	3.333	1.111
2	111	42	23	12.222	11.111	-1.111
2	121	11	4	8.889	12.222	3.333
2	121	11	8	3.333	5.556	2.222
2	121	11	16	3.333	11.111	7.778
2	121	12	8	5.556	7.778	2.222
2	121	12	11	3.333	8.889	5.556
2	121	12	16	8.889	10.000	1.111
2	121	12	19	6.667	6.667	0.0
2	121	12	29	2.222	5.556	3.333
2	121	12	34	3.333	3.333	0.0
2	121	22	4	3.333	2.222	-1.111
2	121	22	7	11.111	14.444	3.333
2	121	22	17	5.556	5.556	0.0
2	121	22	23	6.667	5.556	-1.111
2	121	22	31	8.889	7.778	-1.111
2	121	32	2	3.333	11.111	7.778
2	121	32	21	6.667	6.667	0.0
2	121	32	33	13.333	16.666	3.333
2	121	42	15	8.889	6.667	-2.222
2	121	42	24	11.111	10.000	-1.111
2	131	11	20	12.222	14.444	2.222
2	131	12	5	8.889	7.778	-1.111
2	131	12	10	5.556	5.556	0.0
2	131	12	17	5.556	3.333	-2.222
2	131	12	19	3.333	2.222	-1.111
2	131	12	29	8.889	6.667	-2.222
2	131	12	31	11.111	14.444	3.333
2	131	22	11	8.889	6.667	-2.222
2	131	22	30	6.667	8.889	2.222
2	131	32	5	4.444	8.889	4.444
2	131	32	36	5.556	8.889	3.333
2	131	42	2	4.444	1.111	-3.333
2	131	42	27	1.111	6.667	5.556

TABLE 25. CONTINUED

CHRISTIAN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	10.000	5.556	-4.444
2	141	11	21	6.667	5.556	-1.111
2	141	11	31	8.889	5.556	-3.333
2	141	11	33	3.333	3.333	0.0
2	141	12	22	7.778	12.222	4.444
2	141	12	35	4.444	6.667	2.222
2	141	22	6	5.556	3.333	-2.222
2	141	22	11	7.778	5.556	-2.222
2	141	22	20	6.667	6.667	0.0
2	141	22	28	2.222	3.333	1.111
2	141	22	32	3.333	5.556	2.222
2	141	32	3	8.889	10.000	1.111
2	141	32	17	0.0	6.667	6.667
2	141	32	25	5.556	13.333	7.778
2	141	32	29	10.000	1.111	-8.889
2	151	12	8	11.111	8.889	-2.222
2	151	12	15	5.556	8.889	3.333
2	151	12	21	10.000	5.556	-4.444
2	151	12	26	0.0	10.000	10.000
2	151	22	22	10.000	10.000	0.0
2	161	12	26	5.556	8.889	3.333
2	161	12	36	8.889	6.667	-2.222

TABLE 26. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	2.222	4.444	2.222
2	111	11	31	0.0	0.0	0.0
2	111	12	11	0.0	0.0	0.0
2	111	12	13	0.0	0.0	0.0
2	111	12	23	6.667	6.667	0.0
2	111	12	31	0.0	0.0	0.0
2	111	12	34	1.111	1.111	0.0
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	0.0	0.0	0.0
2	111	32	3	0.0	0.0	0.0
2	111	32	7	3.333	3.333	0.0
2	111	32	21	0.0	0.0	0.0
2	111	32	26	0.0	0.0	0.0
2	111	42	1	0.0	0.0	0.0
2	111	42	23	4.444	5.556	1.111
2	121	11	4	0.0	0.0	0.0
2	121	11	8	0.0	0.0	0.0
2	121	11	16	0.0	0.0	0.0
2	121	12	8	4.444	4.444	0.0
2	121	12	11	0.0	0.0	0.0
2	121	12	16	4.444	3.333	-1.111
2	121	12	19	0.0	0.0	0.0
2	121	12	29	0.0	0.0	0.0
2	121	12	34	0.0	0.0	0.0
2	121	22	4	0.0	0.0	0.0
2	121	22	7	4.444	7.778	3.333
2	121	22	17	0.0	0.0	0.0
2	121	22	23	0.0	0.0	0.0
2	121	22	31	0.0	0.0	0.0
2	121	32	2	0.0	0.0	0.0
2	121	32	21	0.0	0.0	0.0
2	121	32	33	5.556	8.889	3.333
2	121	42	15	0.0	0.0	0.0
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	0.0	0.0
2	131	12	5	5.556	6.667	1.111
2	131	12	10	0.0	0.0	0.0
2	131	12	17	0.0	0.0	0.0
2	131	12	19	0.0	7.778	7.778
2	131	12	29	0.0	0.0	0.0
2	131	12	31	5.556	7.778	2.222
2	131	22	11	0.0	7.778	7.778
2	131	22	30	0.0	0.0	0.0
2	131	32	5	0.0	0.0	0.0
2	131	32	36	0.0	0.0	0.0
2	131	42	2	0.0	0.0	0.0
2	131	42	27	0.0	0.0	0.0

TABLE 26. CONTINUED

CHRISTIAN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	0.0	0.0	0.0
2	141	11	33	0.0	0.0	0.0
2	141	12	22	6.667	3.333	-3.333
2	141	12	35	0.0	0.0	0.0
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	0.0	0.0
2	141	22	32	0.0	0.0	0.0
2	141	32	3	2.222	0.0	-2.222
2	141	32	17	0.0	0.0	0.0
2	141	32	25	4.444	5.556	1.111
2	141	32	29	0.0	0.0	0.0
2	151	12	8	2.222	5.556	3.333
2	151	12	15	0.0	0.0	0.0
2	151	12	21	0.0	0.0	0.0
2	151	12	26	0.0	0.0	0.0
2	151	22	22	0.0	0.0	0.0
2	161	12	26	0.0	0.0	0.0
2	161	12	36	0.0	0.0	0.0

TABLE 27. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	5.556	5.556	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	0.0	45.555	45.555
2	111	11	31	4.444	2.222	-2.222
2	111	12	11	1.111	1.111	0.0
2	111	12	13	3.333	3.333	0.0
2	111	12	23	0.0	1.111	1.111
2	111	12	31	2.222	5.556	3.333
2	111	12	34	1.111	3.333	2.222
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	2.222	1.111	-1.111
2	111	32	3	0.0	0.0	0.0
2	111	32	7	0.0	1.111	1.111
2	111	32	21	2.222	2.222	0.0
2	111	32	26	3.333	2.222	-1.111
2	111	42	1	1.111	1.111	0.0
2	111	42	23	2.222	3.333	1.111
2	121	11	4	1.111	1.111	0.0
2	121	11	8	0.0	0.0	0.0
2	121	11	16	2.222	2.222	0.0
2	121	12	8	0.0	0.0	0.0
2	121	12	11	2.222	0.0	-2.222
2	121	12	16	0.0	1.111	1.111
2	121	12	19	0.0	8.889	8.889
2	121	12	29	2.222	0.0	-2.222
2	121	12	34	1.111	0.0	-1.111
2	121	22	4	7.778	0.0	-7.778
2	121	22	7	0.0	1.111	1.111
2	121	22	17	0.0	3.333	3.333
2	121	22	23	0.0	109.999	109.999
2	121	22	31	0.0	0.0	0.0
2	121	32	2	0.0	0.0	0.0
2	121	32	21	0.0	0.0	0.0
2	121	32	33	1.111	2.222	1.111
2	121	42	15	2.222	0.0	-2.222
2	121	42	24	4.444	4.444	0.0
2	131	11	20	0.0	0.0	0.0
2	131	12	5	2.222	1.111	-1.111
2	131	12	10	5.556	3.333	-2.222
2	131	12	17	0.0	3.333	3.333
2	131	12	19	3.333	1.111	-2.222
2	131	12	29	0.0	1.111	1.111
2	131	12	31	0.0	44.444	44.444
2	131	22	11	2.222	1.111	-1.111
2	131	22	30	2.222	2.222	0.0
2	131	32	5	2.222	116.665	114.443
2	131	32	36	1.111	2.222	1.111
2	131	42	2	1.111	83.333	82.221
2	131	42	27	0.0	0.0	0.0

TABLE 27. CONTINUED

CHRISTIAN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	1.111	2.222	1.111
2	141	11	33	0.0	0.0	0.0
2	141	12	22	3.333	1.111	-2.222
2	141	12	35	0.0	0.0	0.0
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	1.111	6.667	5.556
2	141	22	28	0.0	3.333	3.333
2	141	22	32	1.111	0.0	-1.111
2	141	32	3	1.111	0.0	-1.111
2	141	32	17	1.111	2.222	1.111
2	141	32	25	0.0	0.0	0.0
2	141	32	29	0.0	154.443	154.443
2	151	12	8	0.0	0.0	0.0
2	151	12	15	0.0	1.111	1.111
2	151	12	21	0.0	1.111	1.111
2	151	12	26	0.0	0.0	0.0
2	151	22	22	3.333	3.333	0.0
2	161	12	26	15.555	15.555	0.0
2	161	12	36	6.667	2.222	-4.444

TABLE 28. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	14.444	17.778	3.333
2	111	11	26	2.222	8.889	6.667
2	111	11	28	32.222	21.111	-11.111
2	111	11	31	4.444	11.111	6.667
2	111	12	11	3.333	12.222	8.889
2	111	12	13	1.111	10.000	8.889
2	111	12	23	11.111	15.555	4.444
2	111	12	31	8.889	10.000	1.111
2	111	12	34	6.667	16.666	10.000
2	111	22	7	5.556	10.000	4.444
2	111	22	12	3.333	7.778	4.444
2	111	22	25	4.444	6.667	2.222
2	111	32	3	10.000	10.000	0.0
2	111	32	7	13.333	20.000	6.667
2	111	32	21	3.333	12.222	8.889
2	111	32	26	7.778	12.222	4.444
2	111	42	1	6.667	12.222	5.556
2	111	42	23	8.889	14.444	5.556
2	121	11	4	1.111	8.889	7.778
2	121	11	8	3.333	1.111	-2.222
2	121	11	16	6.667	11.111	4.444
2	121	12	8	10.000	23.333	13.333
2	121	12	11	10.000	11.111	1.111
2	121	12	16	12.222	16.666	4.444
2	121	12	19	2.222	7.778	5.556
2	121	12	29	4.444	0.0	-4.444
2	121	12	34	2.222	6.667	4.444
2	121	22	4	0.0	10.000	10.000
2	121	22	7	21.111	13.333	-7.778
2	121	22	17	0.0	4.444	4.444
2	121	22	23	0.0	7.778	7.778
2	121	22	31	13.333	8.889	-4.444
2	121	32	2	0.0	5.556	5.556
2	121	32	21	3.333	4.444	1.111
2	121	32	33	4.444	8.889	4.444
2	121	42	15	4.444	6.667	2.222
2	121	42	24	1.111	8.889	7.778
2	131	11	20	5.556	7.778	2.222
2	131	12	5	8.889	5.556	-3.333
2	131	12	10	2.222	4.444	2.222
2	131	12	17	2.222	0.0	-2.222
2	131	12	19	3.333	10.000	6.667
2	131	12	29	5.556	2.222	-3.333
2	131	12	31	5.556	12.222	6.667
2	131	22	11	4.444	11.111	6.667
2	131	22	30	2.222	5.556	3.333
2	131	32	5	2.222	4.444	2.222
2	131	32	36	2.222	11.111	8.889
2	131	42	2	4.444	5.556	1.111
2	131	42	27	3.333	2.222	-1.111

TABLE 28. CONTINUED

CHRISTIAN COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
						-
2	141	11	19	4.444	5.556	1.111
2	141	11	21	4.444	5.556	1.111
2	141	11	31	6.667	5.556	-1.111
2	141	11	33	1.111	4.444	3.333
2	141	12	22	11.111	14.444	3.333
2	141	12	35	4.444	3.333	-1.111
2	141	22	6	1.111	8.889	7.778
2	141	22	11	1.111	3.333	2.222
2	141	22	20	5.556	0.0	-5.556
2	141	22	28	1.111	10.000	8.889
2	141	22	32	1.111	4.444	3.333
2	141	32	3	4.444	6.667	2.222
2	141	32	17	0.0	4.444	4.444
2	141	32	25	12.222	10.000	-2.222
2	141	32	29	4.444	17.778	13.333
2	151	12	8	8.889	18.889	10.000
2	151	12	15	6.667	20.000	13.333
2	151	12	21	5.556	8.889	3.333
2	151	12	26	1.111	8.889	7.778
2	151	22	22	3.333	10.000	6.667
2	161	12	26	3.333	5.556	2.222
2	161	12	36	5.556	4.444	-1.111

TABLE 29. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	16.666	63.333	46.666
2	111	11	31	0.0	0.0	0.0
2	111	12	11	0.0	0.0	0.0
2	111	12	13	0.0	0.0	0.0
2	111	12	23	32.222	46.666	14.444
2	111	12	31	0.0	0.0	0.0
2	111	12	34	0.0	0.0	0.0
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	0.0	0.0	0.0
2	111	32	3	0.0	0.0	0.0
2	111	32	7	91.110	112.221	21.111
2	111	32	21	0.0	0.0	0.0
2	111	32	26	0.0	0.0	0.0
2	111	42	1	0.0	0.0	0.0
2	111	42	23	0.0	0.0	0.0
2	121	11	4	0.0	0.0	0.0
2	121	11	8	0.0	0.0	0.0
2	121	11	16	0.0	0.0	0.0
2	121	12	8	0.0	0.0	0.0
2	121	12	11	0.0	0.0	0.0
2	121	12	16	17.778	25.555	7.778
2	121	12	19	0.0	0.0	0.0
2	121	12	29	0.0	0.0	0.0
2	121	12	34	0.0	0.0	0.0
2	121	22	4	0.0	0.0	0.0
2	121	22	7	0.0	0.0	0.0
2	121	22	17	0.0	0.0	0.0
2	121	22	23	0.0	0.0	0.0
2	121	22	31	0.0	0.0	0.0
2	121	32	2	0.0	0.0	0.0
2	121	32	21	0.0	0.0	0.0
2	121	32	33	0.0	0.0	0.0
2	121	42	15	0.0	0.0	0.0
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	0.0	0.0
2	131	12	5	0.0	0.0	0.0
2	131	12	10	0.0	0.0	0.0
2	131	12	17	0.0	0.0	0.0
2	131	12	19	0.0	0.0	0.0
2	131	12	29	0.0	18.889	18.889
2	131	12	31	0.0	57.777	57.777
2	131	22	11	0.0	0.0	0.0
2	131	22	30	0.0	0.0	0.0
2	131	32	5	0.0	0.0	0.0
2	131	32	36	0.0	0.0	0.0
2	131	42	2	0.0	0.0	0.0
2	131	42	27	0.0	2.222	2.222

TABLE 29. CONTINUED

CHRISTIAN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	0.0	0.0	0.0
2	141	11	33	0.0	0.0	0.0
2	141	12	22	44.444	61.111	16.667
2	141	12	35	0.0	0.0	0.0
2	141	22	6	1.111	0.0	-1.111
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	0.0	0.0
2	141	22	32	0.0	0.0	0.0
2	141	32	3	0.0	0.0	0.0
2	141	32	17	0.0	0.0	0.0
2	141	32	25	0.0	0.0	0.0
2	141	32	29	0.0	0.0	0.0
2	151	12	8	0.0	0.0	0.0
2	151	12	15	0.0	0.0	0.0
2	151	12	21	0.0	0.0	0.0
2	151	12	26	0.0	0.0	0.0
2	151	22	22	0.0	0.0	0.0
2	161	12	26	0.0	0.0	0.0
2	161	12	36	0.0	0.0	0.0

TABLE 30. SAMPLE SECTIONS AND LAND USE DATA

CHRISTIAN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	111	11	5	0.0	0.0	0.0
2	111	11	26	0.0	0.0	0.0
2	111	11	28	0.0	136.665	136.665
2	111	11	31	0.0	0.0	0.0
2	111	12	11	0.0	0.0	0.0
2	111	12	13	0.0	0.0	0.0
2	111	12	23	0.0	0.0	0.0
2	111	12	31	0.0	0.0	0.0
2	111	12	34	2.222	2.222	0.0
2	111	22	7	0.0	0.0	0.0
2	111	22	12	0.0	0.0	0.0
2	111	22	25	0.0	0.0	0.0
2	111	32	3	0.0	0.0	0.0
2	111	32	7	0.0	0.0	0.0
2	111	32	21	0.0	0.0	0.0
2	111	32	26	0.0	0.0	0.0
2	111	42	1	15.555	13.333	-2.222
2	111	42	23	0.0	0.0	0.0
2	121	11	4	0.0	0.0	0.0
2	121	11	8	0.0	0.0	0.0
2	121	11	16	0.0	0.0	0.0
2	121	12	8	0.0	0.0	0.0
2	121	12	11	0.0	0.0	0.0
2	121	12	16	0.0	0.0	0.0
2	121	12	19	0.0	0.0	0.0
2	121	12	29	0.0	0.0	0.0
2	121	12	34	0.0	0.0	0.0
2	121	22	4	0.0	0.0	0.0
2	121	22	7	0.0	0.0	0.0
2	121	22	17	0.0	0.0	0.0
2	121	22	23	0.0	0.0	0.0
2	121	22	31	0.0	0.0	0.0
2	121	32	2	0.0	0.0	0.0
2	121	32	21	0.0	0.0	0.0
2	121	32	33	0.0	0.0	0.0
2	121	42	15	0.0	0.0	0.0
2	121	42	24	0.0	0.0	0.0
2	131	11	20	0.0	1.111	1.111
2	131	12	5	0.0	0.0	0.0
2	131	12	10	0.0	0.0	0.0
2	131	12	17	0.0	0.0	0.0
2	131	12	19	0.0	0.0	0.0
2	131	12	29	0.0	0.0	0.0
2	131	12	31	0.0	0.0	0.0
2	131	22	11	0.0	0.0	0.0
2	131	22	30	0.0	0.0	0.0
2	131	32	5	0.0	0.0	0.0
2	131	32	36	0.0	0.0	0.0
2	131	42	2	0.0	0.0	0.0
2	131	42	27	0.0	0.0	0.0

TABLE 30. CONTINUED

CHRISTIAN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1938	1968	CHANGE
2	141	11	19	0.0	0.0	0.0
2	141	11	21	0.0	0.0	0.0
2	141	11	31	0.0	0.0	0.0
2	141	11	33	0.0	0.0	0.0
2	141	12	22	0.0	0.0	0.0
2	141	12	35	0.0	12.222	12.222
2	141	22	6	0.0	0.0	0.0
2	141	22	11	0.0	0.0	0.0
2	141	22	20	0.0	0.0	0.0
2	141	22	28	0.0	0.0	0.0
2	141	22	32	0.0	0.0	0.0
2	141	32	3	0.0	0.0	0.0
2	141	32	17	0.0	0.0	0.0
2	141	32	25	0.0	0.0	0.0
2	141	32	29	0.0	0.0	0.0
2	151	12	8	0.0	0.0	0.0
2	151	12	15	0.0	0.0	0.0
2	151	12	21	0.0	0.0	0.0
2	151	12	26	0.0	0.0	0.0
2	151	22	22	0.0	0.0	0.0
2	161	12	26	0.0	0.0	0.0
2	161	12	36	0.0	0.0	0.0

TABLE 31. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	28.000	20.000	-8.000
3	191	11	23	29.000	19.000	-10.000
3	191	21	2	11.000	10.000	-1.000
3	191	21	4	22.000	20.000	-2.000
3	191	21	10	27.000	28.000	1.000
3	191	21	23	16.000	12.000	-4.000
3	191	21	25	7.000	4.000	-3.000
3	191	21	28	13.000	12.000	-1.000
3	191	31	10	18.000	15.000	-3.000
3	191	31	21	10.000	13.000	3.000
3	191	31	29	11.000	11.000	0.0
3	191	41	1	16.000	11.000	-5.000
3	191	41	8	21.000	20.000	-1.000
3	191	41	13	15.000	5.000	-10.000
3	191	41	20	10.000	13.000	3.000
3	201	11	13	12.000	13.000	1.000
3	201	11	15	16.000	13.000	-3.000
3	201	11	21	25.000	26.000	1.000
3	201	11	33	25.000	26.000	1.000
3	201	11	36	24.000	24.000	0.0
3	201	21	20	15.000	13.000	-2.000
3	201	21	27	12.000	17.000	5.000
3	201	21	30	20.000	26.000	6.000
3	201	31	6	37.000	26.000	-11.000
3	201	31	10	25.000	36.000	11.000
3	201	31	18	22.000	14.000	-8.000
3	201	51	5	26.000	16.000	-10.000
3	211	11	17	18.000	23.000	5.000
3	211	11	30	32.000	31.000	-1.000
3	211	11	33	16.000	18.000	2.000
3	211	11	35	16.000	24.000	8.000
3	211	21	19	31.000	22.000	-9.000
3	211	21	24	23.000	18.000	-5.000
3	211	31	18	21.000	22.000	1.000
3	211	31	22	17.000	9.000	-8.000
3	211	41	19	16.000	17.000	1.000
3	211	41	24	12.000	15.000	3.000
3	211	51	17	14.000	12.000	-2.000
3	211	51	22	23.000	24.000	1.000
3	211	51	24	11.000	10.000	-1.000
3	211	51	30	19.000	15.000	-4.000

TABLE 32. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	481.106	449.995	-31.111
3	191	11	23	586.661	582.216	-4.445
3	191	21	2	594.438	584.438	-10.000
3	191	21	4	316.663	331.108	14.444
3	191	21	10	397.774	423.329	25.555
3	191	21	23	589.994	593.327	3.333
3	191	21	25	595.550	616.660	21.111
3	191	21	28	616.660	611.105	-5.555
3	191	31	10	533.327	573.328	40.000
3	191	31	21	596.661	614.438	17.778
3	191	31	29	603.327	611.105	7.778
3	191	41	1	585.550	597.772	12.222
3	191	41	8	604.438	593.327	-11.111
3	191	41	13	595.550	599.994	4.444
3	191	41	20	597.772	601.105	3.333
3	201	11	13	616.660	622.216	5.556
3	201	11	15	599.994	616.660	16.667
3	201	11	21	588.883	574.439	-14.444
3	201	11	33	464.440	467.773	3.333
3	201	11	36	246.664	319.997	73.333
3	201	21	20	585.550	601.105	15.555
3	201	21	27	169.998	177.776	7.778
3	201	21	30	453.329	467.773	14.444
3	201	31	6	585.550	585.550	0.0
3	201	31	10	425.551	443.329	17.778
3	201	31	18	608.883	613.327	4.444
3	201	51	5	543.327	538.884	-4.444
3	211	11	17	489.995	516.661	26.666
3	211	11	30	334.441	436.662	102.221
3	211	11	33	583.327	592.216	8.889
3	211	11	35	465.551	511.106	45.555
3	211	21	19	408.885	365.552	-43.333
3	211	21	24	546.661	569.994	23.333
3	211	31	18	577.772	588.883	11.111
3	211	31	22	619.994	606.661	-13.333
3	211	41	19	248.886	292.219	43.333
3	211	41	24	605.550	613.327	7.778
3	211	51	17	624.438	618.883	-5.556
3	211	51	22	566.661	554.439	-12.222
3	211	51	24	604.438	604.438	0.0
3	211	51	30	574.439	579.994	5.555

TABLE 33. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	0.0	16.666	16.666
3	191	11	23	8.889	18.889	10.000
3	191	21	2	2.222	0.0	-2.222
3	191	21	4	304.441	231.109	-73.333
3	191	21	10	136.665	88.888	-47.777
3	191	21	23	0.0	0.0	0.0
3	191	21	25	13.333	1.111	-12.222
3	191	21	28	1.111	1.111	0.0
3	191	31	10	33.333	28.889	-4.444
3	191	31	21	1.111	0.0	-1.111
3	191	31	29	3.333	3.333	0.0
3	191	41	1	15.555	4.444	-11.111
3	191	41	8	0.0	4.444	4.444
3	191	41	13	11.111	11.111	0.0
3	191	41	20	10.000	11.111	1.111
3	201	11	13	0.0	0.0	0.0
3	201	11	15	6.667	3.333	-3.333
3	201	11	21	13.333	33.333	20.000
3	201	11	33	99.999	102.221	2.222
3	201	11	36	249.997	183.331	-66.666
3	201	21	20	30.000	13.333	-16.666
3	201	21	27	195.554	116.665	-78.888
3	201	21	30	148.887	124.443	-24.444
3	201	31	6	27.777	2.222	-25.555
3	201	31	10	175.554	83.333	-92.221
3	201	31	18	6.667	11.111	4.444
3	201	51	5	53.333	61.111	7.778
3	211	11	17	109.999	85.555	-24.444
3	211	11	30	237.775	81.110	-156.665
3	211	11	33	20.000	13.333	-6.667
3	211	11	35	127.777	72.221	-55.555
3	211	21	19	95.555	192.220	96.666
3	211	21	24	41.111	30.000	-11.111
3	211	31	18	31.111	30.000	-1.111
3	211	31	22	0.0	7.778	7.778
3	211	41	19	367.774	305.552	-62.221
3	211	41	24	6.667	2.222	-4.444
3	211	51	17	2.222	8.889	6.667
3	211	51	22	40.000	51.111	11.111
3	211	51	24	8.889	8.889	0.0
3	211	51	30	32.222	24.444	-7.778

TABLE 34. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	1.111	0.0	-1.111
3	191	11	23	0.0	7.778	7.778
3	191	21	2	0.0	0.0	0.0
3	191	21	4	0.0	58.888	58.888
3	191	21	10	21.111	58.888	37.777
3	191	21	23	0.0	0.0	0.0
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	0.0	6.667	6.667
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	0.0	0.0
3	201	11	15	0.0	0.0	0.0
3	201	11	21	0.0	0.0	0.0
3	201	11	33	12.222	5.556	-6.667
3	201	11	36	113.332	39.999	-23.333
3	201	21	20	0.0	0.0	0.0
3	201	21	27	0.0	26.666	26.666
3	201	21	30	0.0	3.333	3.333
3	201	31	6	0.0	0.0	0.0
3	201	31	10	1.111	79.999	78.888
3	201	31	18	0.0	0.0	0.0
3	201	51	5	0.0	1.111	1.111
3	211	11	17	12.222	14.444	2.222
3	211	11	30	12.222	42.222	30.000
3	211	11	33	0.0	0.0	0.0
3	211	11	35	0.0	2.222	2.222
3	211	21	19	102.221	42.222	-59.999
3	211	21	24	0.0	0.0	0.0
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	2.222	12.222	10.000
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 35. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1941	1960	CHANGE
3	191	11	16	1.111	0.0	-1.111
3	191	11	23	2.222	0.0	-2.222
3	191	21	2	5.556	0.0	-5.556
3	191	21	4	0.0	0.0	0.0
3	191	21	10	0.0	0.0	0.0
3	191	21	23	0.0	0.0	0.0
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	0.0	0.0	0.0
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	0.0	0.0
3	201	11	15	2.222	0.0	-2.222
3	201	11	21	0.0	0.0	0.0
3	201	11	33	1.111	0.0	-1.111
3	201	11	36	1.111	0.0	-1.111
3	201	21	20	0.0	0.0	0.0
3	201	21	27	0.0	0.0	0.0
3	201	21	30	0.0	0.0	0.0
3	201	31	6	0.0	1.111	1.111
3	201	31	10	1.111	0.0	-1.111
3	201	31	18	1.111	0.0	-1.111
3	201	51	5	10.000	0.0	-10.000
3	211	11	17	0.0	0.0	0.0
3	211	11	30	0.0	0.0	0.0
3	211	11	33	0.0	0.0	0.0
3	211	11	35	1.111	0.0	-1.111
3	211	21	19	0.0	0.0	0.0
3	211	21	24	5.556	0.0	-5.556
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	0.0	0.0	0.0
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 36. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	14.444	21.111	6.667
3	191	11	23	0.0	1.111	1.111
3	191	21	2	0.0	0.0	0.0
3	191	21	4	0.0	0.0	0.0
3	191	21	10	25.555	5.556	-20.000
3	191	21	23	0.0	0.0	0.0
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	0.0	1.111	1.111
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	0.0	0.0
3	201	11	15	0.0	0.0	0.0
3	201	11	21	0.0	0.0	0.0
3	201	11	33	2.222	0.0	-2.222
3	201	11	36	2.222	20.000	17.778
3	201	21	20	0.0	0.0	0.0
3	201	21	27	5.556	16.666	11.111
3	201	21	30	0.0	0.0	0.0
3	201	31	6	0.0	5.556	5.556
3	201	31	10	0.0	8.889	8.889
3	201	31	13	0.0	0.0	0.0
3	201	51	5	0.0	14.444	14.444
3	211	11	17	0.0	0.0	0.0
3	211	11	30	0.0	20.000	20.000
3	211	11	33	0.0	0.0	0.0
3	211	11	35	0.0	1.111	1.111
3	211	21	19	2.222	16.666	14.444
3	211	21	24	0.0	0.0	0.0
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	0.0	2.222	2.222
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 37. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	4.444	2.222	-2.222
3	191	11	23	7.778	8.889	1.111
3	191	21	2	5.556	1.111	-4.444
3	191	21	4	8.889	0.0	-8.889
3	191	21	10	17.778	10.000	-7.778
3	191	21	23	6.667	2.222	-4.444
3	191	21	25	8.889	0.0	-8.889
3	191	21	28	4.444	1.111	-3.333
3	191	31	10	5.556	1.111	-4.444
3	191	31	21	11.111	0.0	-11.111
3	191	31	29	14.444	0.0	-14.444
3	191	41	1	16.666	2.222	-14.444
3	191	41	8	13.333	1.111	-12.222
3	191	41	13	4.444	0.0	-4.444
3	191	41	20	6.667	0.0	-6.667
3	201	11	13	8.889	1.111	-7.778
3	201	11	15	7.778	0.0	-7.778
3	201	11	21	10.000	1.111	-8.889
3	201	11	33	10.000	3.333	-6.667
3	201	11	36	10.000	5.556	-4.444
3	201	21	20	11.111	2.222	-8.889
3	201	21	27	3.333	6.667	3.333
3	201	21	30	11.111	6.667	-4.444
3	201	31	6	8.889	4.444	-4.444
3	201	31	10	16.666	7.778	-8.889
3	201	31	18	7.778	0.0	-7.778
3	201	51	5	12.222	2.222	-10.000
3	211	11	17	7.778	5.556	-2.222
3	211	11	30	17.778	16.666	-1.111
3	211	11	33	12.222	0.0	-12.222
3	211	11	35	11.111	3.333	-7.778
3	211	21	19	14.444	11.111	-3.333
3	211	21	24	14.444	3.333	-11.111
3	211	31	18	11.111	0.0	-11.111
3	211	31	22	12.222	2.222	-10.000
3	211	41	19	7.778	5.556	-2.222
3	211	41	24	12.222	1.111	-11.111
3	211	51	17	5.556	0.0	-5.556
3	211	51	22	3.333	0.0	-3.333
3	211	51	24	6.667	0.0	-6.667
3	211	51	30	2.222	1.111	-1.111

TABLE 38. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	0.0	0.0	0.0
3	191	11	23	0.0	0.0	0.0
3	191	21	2	0.0	0.0	0.0
3	191	21	4	0.0	0.0	0.0
3	191	21	10	0.0	0.0	0.0
3	191	21	23	0.0	0.0	0.0
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	0.0	0.0	0.0
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	0.0	0.0
3	201	11	15	0.0	0.0	0.0
3	201	11	21	0.0	0.0	0.0
3	201	11	33	0.0	0.0	0.0
3	201	11	36	0.0	0.0	0.0
3	201	21	20	0.0	0.0	0.0
3	201	21	27	0.0	0.0	0.0
3	201	21	30	0.0	0.0	0.0
3	201	31	6	0.0	0.0	0.0
3	201	31	10	0.0	0.0	0.0
3	201	31	18	0.0	0.0	0.0
3	201	51	5	0.0	0.0	0.0
3	211	11	17	0.0	0.0	0.0
3	211	11	30	0.0	0.0	0.0
3	211	11	33	0.0	0.0	0.0
3	211	11	35	0.0	0.0	0.0
3	211	21	19	0.0	0.0	0.0
3	211	21	24	0.0	0.0	0.0
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	1.111	0.0	-1.111
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 39. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1941	1960	CHANGE
3	191	11	16	8.889	3.333	-5.556
3	191	11	23	6.667	2.222	-4.444
3	191	21	2	4.444	16.666	12.222
3	191	21	4	5.556	3.333	-2.222
3	191	21	10	7.778	8.889	1.111
3	191	21	23	13.333	6.667	-6.667
3	191	21	25	8.889	11.111	2.222
3	191	21	28	5.556	8.889	3.333
3	191	31	10	3.333	3.333	0.0
3	191	31	21	15.555	8.889	-6.667
3	191	31	29	8.889	6.667	-2.222
3	191	41	1	11.111	10.000	-1.111
3	191	41	8	8.889	8.889	0.0
3	191	41	13	6.667	6.667	0.0
3	191	41	20	8.889	7.778	-1.111
3	201	11	13	6.667	6.667	0.0
3	201	11	15	8.889	7.778	-1.111
3	201	11	21	6.667	6.667	0.0
3	201	11	33	6.667	10.000	3.333
3	201	11	36	5.556	4.444	-1.111
3	201	21	20	5.556	2.222	-3.333
3	201	21	27	8.889	15.555	6.667
3	201	21	30	8.889	7.778	-1.111
3	201	31	6	8.889	10.000	1.111
3	201	31	10	10.000	6.667	-3.333
3	201	31	18	6.667	4.444	-2.222
3	201	51	5	3.333	5.556	2.222
3	211	11	17	4.444	3.333	-1.111
3	211	11	30	7.778	6.667	-1.111
3	211	11	33	6.667	10.000	3.333
3	211	11	35	12.222	10.000	-2.222
3	211	21	19	6.667	6.667	0.0
3	211	21	24	5.556	7.778	2.222
3	211	31	18	8.889	4.444	-4.444
3	211	31	22	3.333	4.444	1.111
3	211	41	19	2.222	2.222	0.0
3	211	41	24	3.333	2.222	-1.111
3	211	51	17	1.111	6.667	5.556
3	211	51	22	8.889	4.444	-4.444
3	211	51	24	7.778	6.667	-1.111
3	211	51	30	5.556	4.444	-1.111

TABLE 4). SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	17.778	14.444	-3.333
3	191	11	23	3.333	2.222	-1.111
3	191	21	2	10.000	13.333	3.333
3	191	21	4	3.333	5.556	2.222
3	191	21	10	10.000	17.778	7.778
3	191	21	23	8.889	14.444	5.556
3	191	21	25	3.333	4.444	1.111
3	191	21	28	6.667	10.000	3.333
3	191	31	10	8.889	8.889	0.0
3	191	31	21	3.333	4.444	1.111
3	191	31	29	4.444	7.778	3.333
3	191	41	1	4.444	11.111	6.667
3	191	41	8	5.556	11.111	5.556
3	191	41	13	10.000	6.667	-3.333
3	191	41	20	6.667	7.778	1.111
3	201	11	13	3.333	3.333	0.0
3	201	11	15	4.444	5.556	1.111
3	201	11	21	11.111	6.667	-4.444
3	201	11	33	5.556	4.444	-1.111
3	201	11	36	0.0	6.667	6.667
3	201	21	20	2.222	6.667	4.444
3	201	21	27	4.444	12.222	7.778
3	201	21	30	5.556	1.111	-4.444
3	201	31	6	1.111	4.444	3.333
3	201	31	10	7.778	2.222	-5.556
3	201	31	18	3.333	2.222	-1.111
3	201	51	5	10.000	6.667	-3.333
3	211	11	17	4.444	3.333	-1.111
3	211	11	30	1.111	3.333	2.222
3	211	11	33	6.667	5.556	-1.111
3	211	11	35	14.444	13.333	-1.111
3	211	21	19	8.889	2.222	-6.667
3	211	21	24	12.222	6.667	-5.556
3	211	31	18	3.333	4.444	1.111
3	211	31	22	0.0	5.556	5.556
3	211	41	19	2.222	2.222	0.0
3	211	41	24	5.556	7.778	2.222
3	211	51	17	5.556	1.111	-4.444
3	211	51	22	11.111	7.778	-3.333
3	211	51	24	3.333	4.444	1.111
3	211	51	30	3.333	10.000	6.667

TABLE 41. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	6.667	5.556	-1.111
3	191	11	23	5.556	3.333	-2.222
3	191	21	2	2.222	2.222	0.0
3	191	21	4	0.0	0.0	0.0
3	191	21	10	0.0	0.0	0.0
3	191	21	23	2.222	4.444	2.222
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	2.222	2.222	0.0
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	2.222	4.444	2.222
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	0.0	0.0
3	201	11	15	0.0	0.0	0.0
3	201	11	21	0.0	0.0	0.0
3	201	11	33	4.444	2.222	-2.222
3	201	11	36	4.444	2.222	-2.222
3	201	21	20	0.0	0.0	0.0
3	201	21	27	17.778	15.555	-2.222
3	201	21	30	2.222	0.0	-2.222
3	201	31	6	0.0	0.0	0.0
3	201	31	10	0.0	0.0	0.0
3	201	31	18	0.0	0.0	0.0
3	201	51	5	0.0	0.0	0.0
3	211	11	17	0.0	0.0	0.0
3	211	11	30	4.444	3.333	-1.111
3	211	11	33	0.0	0.0	0.0
3	211	11	35	0.0	0.0	0.0
3	211	21	19	0.0	0.0	0.0
3	211	21	24	0.0	0.0	0.0
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	0.0	0.0	0.0
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 42. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	0.0	4.444	4.444
3	191	11	23	6.667	5.556	-1.111
3	191	21	2	0.0	0.0	0.0
3	191	21	4	0.0	2.222	2.222
3	191	21	10	2.222	1.111	-1.111
3	191	21	23	2.222	1.111	-1.111
3	191	21	25	1.111	1.111	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	0.0	0.0	0.0
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	1.111	1.111	0.0
3	191	41	20	4.444	1.111	-3.333
3	201	11	13	1.111	0.0	-1.111
3	201	11	15	0.0	0.0	0.0
3	201	11	21	7.778	10.000	2.222
3	201	11	33	3.333	3.333	0.0
3	201	11	36	4.444	2.222	-2.222
3	201	21	20	2.222	2.222	0.0
3	201	21	27	0.0	2.222	2.222
3	201	21	30	2.222	5.556	3.333
3	201	31	6	3.333	6.667	3.333
3	201	31	10	1.111	2.222	1.111
3	201	31	18	0.0	0.0	0.0
3	201	51	5	2.222	3.333	1.111
3	211	11	17	4.444	5.556	1.111
3	211	11	30	3.333	4.444	1.111
3	211	11	33	8.889	6.667	-2.222
3	211	11	35	1.111	2.222	1.111
3	211	21	19	0.0	0.0	0.0
3	211	21	24	6.667	5.556	-1.111
3	211	31	18	6.667	4.444	-2.222
3	211	31	22	2.222	0.0	-2.222
3	211	41	19	7.778	14.444	6.667
3	211	41	24	3.333	3.333	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	4.444	4.444	0.0
3	211	51	24	1.111	3.333	2.222
3	211	51	30	6.667	1.111	-5.556

TABLE 43. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	18.889	33.333	14.444
3	191	11	23	12.222	7.778	-4.444
3	191	21	2	15.555	22.222	6.667
3	191	21	4	1.111	7.778	6.667
3	191	21	10	21.111	25.555	4.444
3	191	21	23	16.666	17.778	1.111
3	191	21	25	8.889	5.556	-3.333
3	191	21	28	5.556	7.778	2.222
3	191	31	10	16.666	14.444	-2.222
3	191	31	21	12.222	12.222	0.0
3	191	31	29	5.556	11.111	5.556
3	191	41	1	6.667	14.444	7.778
3	191	41	8	5.556	16.666	11.111
3	191	41	13	11.111	14.444	3.333
3	191	41	20	5.556	11.111	5.556
3	201	11	13	3.333	5.556	2.222
3	201	11	15	10.000	6.667	-3.333
3	201	11	21	2.222	7.778	5.556
3	201	11	33	13.333	13.333	-0.000
3	201	11	36	2.222	5.556	3.333
3	201	21	20	3.333	12.222	8.889
3	201	21	27	10.000	22.222	12.222
3	201	21	30	7.778	23.333	15.555
3	201	31	6	4.444	20.000	15.555
3	201	31	10	1.111	5.556	4.444
3	201	31	18	5.556	8.889	3.333
3	201	51	5	5.556	5.556	0.0
3	211	11	17	6.667	5.556	-1.111
3	211	11	30	4.444	8.889	4.444
3	211	11	33	2.222	12.222	10.000
3	211	11	35	6.667	24.444	17.778
3	211	21	19	1.111	3.333	2.222
3	211	21	24	7.778	16.666	8.889
3	211	31	18	1.111	7.778	6.667
3	211	31	22	2.222	13.333	11.111
3	211	41	19	0.0	3.333	3.333
3	211	41	24	3.333	10.000	6.667
3	211	51	17	1.111	4.444	3.333
3	211	51	22	5.556	17.778	12.222
3	211	51	24	7.778	12.222	4.444
3	211	51	30	15.555	18.889	3.333

TABLE 44. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	73.333	75.555	2.222
3	191	11	23	0.0	0.0	0.0
3	191	21	2	0.0	0.0	0.0
3	191	21	4	0.0	0.0	0.0
3	191	21	10	0.0	0.0	0.0
3	191	21	23	0.0	0.0	0.0
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	36.666	0.0	-36.666
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	0.0	0.0
3	201	11	15	0.0	0.0	0.0
3	201	11	21	0.0	0.0	0.0
3	201	11	33	16.666	27.777	11.111
3	201	11	36	0.0	0.0	0.0
3	201	21	20	0.0	0.0	0.0
3	201	21	27	224.442	227.775	3.333
3	201	21	30	0.0	0.0	0.0
3	201	31	6	0.0	0.0	0.0
3	201	31	10	0.0	0.0	0.0
3	201	31	18	0.0	0.0	0.0
3	201	51	5	0.0	0.0	0.0
3	211	11	17	0.0	0.0	0.0
3	211	11	30	16.666	16.666	0.0
3	211	11	33	0.0	0.0	0.0
3	211	11	35	0.0	0.0	0.0
3	211	21	19	0.0	0.0	0.0
3	211	21	24	0.0	0.0	0.0
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	0.0	0.0	0.0
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 45. SAMPLE SECTIONS AND LAND USE DATA

DE WITT COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1941	1966	CHANGE
3	191	11	16	12.222	13.333	1.111
3	191	11	23	0.0	0.0	0.0
3	191	21	2	0.0	0.0	0.0
3	191	21	4	0.0	0.0	0.0
3	191	21	10	0.0	0.0	0.0
3	191	21	23	0.0	0.0	0.0
3	191	21	25	0.0	0.0	0.0
3	191	21	28	0.0	0.0	0.0
3	191	31	10	0.0	0.0	0.0
3	191	31	21	0.0	0.0	0.0
3	191	31	29	0.0	0.0	0.0
3	191	41	1	0.0	0.0	0.0
3	191	41	8	0.0	0.0	0.0
3	191	41	13	0.0	0.0	0.0
3	191	41	20	0.0	0.0	0.0
3	201	11	13	0.0	1.111	1.111
3	201	11	15	0.0	0.0	0.0
3	201	11	21	0.0	0.0	0.0
3	201	11	33	0.0	0.0	0.0
3	201	11	36	0.0	0.0	0.0
3	201	21	20	0.0	0.0	0.0
3	201	21	27	0.0	0.0	0.0
3	201	21	30	0.0	0.0	0.0
3	201	31	6	0.0	0.0	0.0
3	201	31	10	0.0	0.0	0.0
3	201	31	16	0.0	0.0	0.0
3	201	51	5	0.0	1.111	1.111
3	211	11	17	0.0	0.0	0.0
3	211	11	30	0.0	0.0	0.0
3	211	11	33	0.0	0.0	0.0
3	211	11	35	0.0	0.0	0.0
3	211	21	19	0.0	0.0	0.0
3	211	21	24	0.0	0.0	0.0
3	211	31	18	0.0	0.0	0.0
3	211	31	22	0.0	0.0	0.0
3	211	41	19	0.0	0.0	0.0
3	211	41	24	0.0	0.0	0.0
3	211	51	17	0.0	0.0	0.0
3	211	51	22	0.0	0.0	0.0
3	211	51	24	0.0	0.0	0.0
3	211	51	30	0.0	0.0	0.0

TABLE 46. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	17.000	16.000	-1.000
4	141	71	9	19.000	15.000	-4.000
4	141	71	17	16.000	14.000	-2.000
4	141	81	1	12.000	15.000	3.000
4	141	81	9	20.000	17.000	-3.000
4	141	81	15	12.000	19.000	7.000
4	141	81	18	18.000	18.000	0.0
4	141	91	15	13.000	10.000	-3.000
4	141	101	5	17.000	28.000	11.000
4	141	101	7	10.000	23.000	13.000
4	141	101	9	13.000	21.000	8.000
4	151	71	11	15.000	13.000	-2.000
4	151	71	13	16.000	16.000	0.0
4	151	71	17	23.000	21.000	-2.000
4	151	71	34	18.000	20.000	2.000
4	151	71	36	22.000	14.000	-8.000
4	151	81	17	10.000	12.000	2.000
4	151	81	32	20.000	15.000	-5.000
4	151	81	35	15.000	14.000	-1.000
4	151	91	1	13.000	13.000	0.0
4	151	91	3	19.000	15.000	-4.000
4	151	91	18	14.000	14.000	0.0
4	151	91	30	17.000	11.000	-6.000
4	151	101	10	10.000	6.000	-4.000
4	151	101	13	9.000	11.000	2.000
4	151	101	30	18.000	20.000	2.000
4	151	101	36	16.000	25.000	9.000
4	151	111	6	15.000	20.000	5.000
4	151	111	19	15.000	21.000	6.000
4	151	142	4	17.000	13.000	-4.000
4	151	142	8	4.000	25.000	21.000
4	151	142	16	11.000	21.000	10.000
4	161	71	3	12.000	14.000	2.000
4	161	71	7	17.000	17.000	0.0
4	161	71	17	13.000	19.000	6.000
4	161	71	19	12.000	26.000	14.000
4	161	81	8	16.000	10.000	-6.000
4	161	81	12	8.000	9.000	1.000
4	161	81	24	10.000	6.000	-4.000
4	161	81	28	8.000	7.000	-1.000
4	161	91	4	13.000	12.000	-1.000
4	161	91	11	12.000	18.000	6.000
4	161	91	24	13.000	15.000	2.000
4	161	91	34	16.000	17.000	1.000
4	161	101	15	9.000	9.000	0.0
4	161	101	18	9.000	18.000	9.000

TABLE 47. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	588.883	584.438	-4.445
4	141	71	9	592.216	596.661	4.444
4	141	71	17	595.550	589.994	-5.555
4	141	81	1	608.883	597.772	-11.111
4	141	81	9	508.884	529.995	21.111
4	141	81	15	615.549	616.660	1.111
4	141	81	18	566.661	597.772	31.111
4	141	91	15	602.216	623.327	21.111
4	141	101	5	613.327	611.105	-2.222
4	141	101	7	615.549	609.994	-5.555
4	141	101	9	599.994	609.994	10.000
4	151	71	11	558.883	573.328	14.444
4	151	71	13	604.438	599.994	-4.445
4	151	71	17	482.217	465.551	-16.667
4	151	71	34	593.237	582.216	-11.021
4	151	71	36	581.105	584.438	3.333
4	151	81	17	615.549	619.994	4.445
4	151	81	32	592.216	608.883	16.667
4	151	81	35	622.216	623.327	1.111
4	151	91	1	572.217	621.105	48.888
4	151	91	3	439.996	511.106	71.110
4	151	91	18	587.772	592.216	4.444
4	151	91	30	602.216	605.550	3.333
4	151	101	10	619.994	629.994	10.000
4	151	101	13	614.438	612.216	-2.222
4	151	101	30	575.550	591.105	15.555
4	151	101	36	312.219	336.663	24.444
4	151	111	6	614.438	617.771	3.333
4	151	111	19	595.550	599.994	4.444
4	151	142	4	575.550	585.550	10.000
4	151	142	8	613.327	622.216	8.889
4	151	142	16	612.216	616.660	4.444
4	161	71	3	609.994	612.216	2.222
4	161	71	7	605.550	607.772	2.222
4	161	71	17	601.105	616.660	15.555
4	161	71	19	581.105	599.994	18.889
4	161	81	8	616.660	624.438	7.778
4	161	81	12	603.327	608.883	5.555
4	161	81	24	608.883	623.327	14.444
4	161	81	28	613.327	617.771	4.444
4	161	91	4	605.550	607.772	2.222
4	161	91	11	235.553	279.997	44.444
4	161	91	24	624.438	631.105	6.667
4	161	91	34	332.219	357.774	25.555
4	161	101	15	622.216	626.660	4.444
4	161	101	18	617.771	622.216	4.445

TABLE 48. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	12.222	15.555	3.333
4	141	71	9	25.555	16.666	-8.889
4	141	71	17	16.666	24.444	7.778
4	141	81	1	3.333	4.444	1.111
4	141	81	9	17.778	3.333	-14.444
4	141	81	15	5.556	6.667	1.111
4	141	81	18	42.222	4.444	-37.777
4	141	91	15	12.222	0.0	-12.222
4	141	101	5	8.889	1.111	-7.778
4	141	101	7	4.444	1.111	-3.333
4	141	101	9	17.778	3.333	-14.444
4	151	71	11	53.333	31.111	-22.222
4	151	71	13	2.222	1.111	-1.111
4	151	71	17	67.777	40.000	-27.777
4	151	71	34	4.444	3.333	-1.111
4	151	71	36	14.444	17.778	3.333
4	151	81	17	2.222	0.0	-2.222
4	151	81	32	20.000	6.667	-13.333
4	151	81	35	1.111	3.333	2.222
4	151	91	1	46.666	5.556	-41.111
4	151	91	3	163.332	93.332	-69.999
4	151	91	18	12.222	11.111	-1.111
4	151	91	30	2.222	0.0	-2.222
4	151	101	10	1.111	0.0	-1.111
4	151	101	13	0.0	1.111	1.111
4	151	101	30	48.888	14.444	-34.444
4	151	101	36	95.555	27.777	-67.777
4	151	111	6	5.556	2.222	-3.333
4	151	111	19	21.111	11.111	-10.000
4	151	142	4	33.333	15.555	-17.777
4	151	142	8	4.444	1.111	-3.333
4	151	142	16	6.667	3.333	-3.333
4	161	71	3	7.778	2.222	-5.556
4	161	71	7	11.111	6.667	-4.444
4	161	71	17	3.333	0.0	-3.333
4	161	71	19	35.555	12.222	-23.333
4	161	81	8	0.0	1.111	1.111
4	161	81	12	8.889	5.556	-3.333
4	161	81	24	10.000	1.111	-8.889
4	161	81	28	0.0	0.0	0.0
4	161	91	4	3.333	4.444	1.111
4	161	91	11	297.775	77.777	-219.998
4	161	91	24	0.0	0.0	0.0
4	161	91	34	194.443	78.888	-115.554
4	161	101	15	0.0	1.111	1.111
4	161	101	18	4.444	2.222	-2.222

TABLE 49. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	0.0	0.0
4	141	81	9	0.0	0.0	0.0
4	141	81	15	0.0	0.0	0.0
4	141	81	18	2.222	0.0	-2.222
4	141	91	15	2.222	0.0	-2.222
4	141	101	5	0.0	0.0	0.0
4	141	101	7	0.0	0.0	0.0
4	141	101	9	0.0	0.0	0.0
4	151	71	11	3.333	3.333	0.0
4	151	71	13	0.0	0.0	0.0
4	151	71	17	61.111	94.443	33.333
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	0.0	0.0	0.0
4	151	91	18	0.0	0.0	0.0
4	151	91	30	0.0	0.0	0.0
4	151	101	10	2.222	2.222	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	14.444	14.444
4	151	101	36	174.443	175.554	1.111
4	151	111	6	0.0	0.0	0.0
4	151	111	19	1.111	1.111	0.0
4	151	142	4	0.0	6.667	6.667
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	10.000	10.000
4	161	81	8	0.0	0.0	0.0
4	161	81	12	1.111	0.0	-1.111
4	161	81	24	0.0	0.0	0.0
4	161	81	28	0.0	0.0	0.0
4	161	91	4	0.0	0.0	0.0
4	161	91	11	4.444	75.555	71.110
4	161	91	24	0.0	0.0	0.0
4	161	91	34	0.0	21.111	21.111
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 50. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	0.0	0.0
4	141	81	9	0.0	0.0	0.0
4	141	81	15	0.0	0.0	0.0
4	141	81	18	3.333	0.0	-3.333
4	141	91	15	0.0	0.0	0.0
4	141	101	5	0.0	0.0	0.0
4	141	101	7	0.0	0.0	0.0
4	141	101	9	0.0	0.0	0.0
4	151	71	11	0.0	0.0	0.0
4	151	71	13	0.0	0.0	0.0
4	151	71	17	0.0	0.0	0.0
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	0.0	0.0	0.0
4	151	91	18	0.0	0.0	0.0
4	151	91	30	0.0	0.0	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	1.111	0.0	-1.111
4	151	101	36	0.0	0.0	0.0
4	151	111	6	1.111	0.0	-1.111
4	151	111	19	0.0	0.0	0.0
4	151	142	4	0.0	0.0	0.0
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	0.0	0.0	0.0
4	161	81	24	0.0	0.0	0.0
4	161	81	28	0.0	0.0	0.0
4	161	91	4	0.0	0.0	0.0
4	161	91	11	0.0	0.0	0.0
4	161	91	24	0.0	0.0	0.0
4	161	91	34	0.0	0.0	0.0
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 51. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	3.333	3.333
4	141	81	9	4.444	2.222	-2.222
4	141	81	15	0.0	0.0	0.0
4	141	81	18	0.0	16.666	16.666
4	141	91	15	0.0	0.0	0.0
4	141	101	5	0.0	0.0	0.0
4	141	101	7	0.0	4.444	4.444
4	141	101	9	0.0	0.0	0.0
4	151	71	11	0.0	7.778	7.778
4	151	71	13	0.0	0.0	0.0
4	151	71	17	12.222	4.444	-7.778
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	5.556	0.0	-5.556
4	151	91	18	0.0	0.0	0.0
4	151	91	30	0.0	0.0	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	0.0	0.0
4	151	101	36	45.555	77.777	32.222
4	151	111	6	0.0	0.0	0.0
4	151	111	19	0.0	0.0	0.0
4	151	142	4	0.0	0.0	0.0
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	0.0	0.0	0.0
4	161	81	24	0.0	0.0	0.0
4	161	81	28	3.333	0.0	-3.333
4	161	91	4	0.0	0.0	0.0
4	161	91	11	3.333	0.0	-3.333
4	161	91	24	0.0	0.0	0.0
4	161	91	34	0.0	40.000	40.000
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 52. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	3.333	0.0	-3.333
4	141	71	9	3.333	1.111	-2.222
4	141	71	17	5.556	3.333	-2.222
4	141	81	1	2.222	3.333	1.111
4	141	81	9	1.111	1.111	0.0
4	141	81	15	6.667	0.0	-6.667
4	141	81	18	3.333	0.0	-3.333
4	141	91	15	14.444	0.0	-14.444
4	141	101	5	2.222	3.333	1.111
4	141	101	7	2.222	8.889	6.667
4	141	101	9	5.556	0.0	-5.556
4	151	71	11	7.778	1.111	-6.667
4	151	71	13	0.0	0.0	0.0
4	151	71	17	4.444	5.556	1.111
4	151	71	34	5.556	7.778	2.222
4	151	71	36	3.333	3.333	0.0
4	151	81	17	4.444	0.0	-4.444
4	151	81	32	6.667	2.222	-4.444
4	151	81	35	0.0	1.111	1.111
4	151	91	1	4.444	0.0	-4.444
4	151	91	3	8.889	11.111	2.222
4	151	91	18	8.889	13.333	4.444
4	151	91	30	5.556	4.444	-1.111
4	151	101	10	10.000	3.333	-6.667
4	151	101	13	4.444	0.0	-4.444
4	151	101	30	4.444	6.667	2.222
4	151	101	36	1.111	4.444	3.333
4	151	111	6	5.556	7.778	2.222
4	151	111	19	6.667	2.222	-4.444
4	151	142	4	5.556	4.444	-1.111
4	151	142	8	10.000	2.222	-7.778
4	151	142	16	4.444	0.0	-4.444
4	161	71	3	6.667	4.444	-2.222
4	161	71	7	3.333	4.444	1.111
4	161	71	17	7.778	3.333	-4.444
4	161	71	19	4.444	0.0	-4.444
4	161	81	8	11.111	1.111	-10.000
4	161	81	12	1.111	1.111	0.0
4	161	81	24	7.778	0.0	-7.778
4	161	81	28	10.000	0.0	-10.000
4	161	91	4	6.667	2.222	-4.444
4	161	91	11	0.0	2.222	2.222
4	161	91	24	5.556	3.333	-2.222
4	161	91	34	7.778	11.111	3.333
4	161	101	15	3.333	3.333	0.0
4	161	101	18	3.333	2.222	-1.111

TABLE 53. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	19 0	19 0	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	0.0	0.0
4	141	81	9	0.0	0.0	0.0
4	141	81	15	0.0	0.0	0.0
4	141	81	18	0.0	0.0	0.0
4	141	91	15	0.0	0.0	0.0
4	141	101	5	0.0	0.0	0.0
4	141	101	7	0.0	0.0	0.0
4	141	101	9	0.0	0.0	0.0
4	151	71	11	0.0	0.0	0.0
4	151	71	13	0.0	0.0	0.0
4	151	71	17	0.0	0.0	0.0
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	0.0	0.0	0.0
4	151	91	18	0.0	0.0	0.0
4	151	91	30	0.0	0.0	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	0.0	0.0
4	151	101	36	0.0	0.0	0.0
4	151	111	6	0.0	0.0	0.0
4	151	111	19	0.0	0.0	0.0
4	151	142	4	0.0	0.0	0.0
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	0.0	0.0	0.0
4	161	81	24	0.0	0.0	0.0
4	161	81	28	0.0	0.0	0.0
4	161	91	4	0.0	0.0	0.0
4	161	91	11	0.0	0.0	0.0
4	161	91	24	0.0	0.0	0.0
4	161	91	34	0.0	0.0	0.0
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 54. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	12.222	14.444	2.222
4	141	71	9	7.778	11.111	3.333
4	141	71	17	13.333	15.555	2.222
4	141	81	1	7.778	5.556	-2.222
4	141	81	9	6.667	7.778	1.111
4	141	81	15	3.333	5.556	2.222
4	141	81	18	8.889	6.667	-2.222
4	141	91	15	1.111	1.111	0.0
4	141	101	5	4.444	4.444	0.0
4	141	101	7	3.333	3.333	0.0
4	141	101	9	1.111	5.556	4.444
4	151	71	11	7.778	7.778	0.0
4	151	71	13	5.556	8.889	3.333
4	151	71	17	4.444	12.222	7.778
4	151	71	34	6.667	13.333	6.667
4	151	71	36	8.889	5.556	-3.333
4	151	81	17	7.778	5.556	-2.222
4	151	81	32	11.111	13.333	2.222
4	151	81	35	7.778	5.556	-2.222
4	151	91	1	7.778	4.444	-3.333
4	151	91	3	11.111	10.000	-1.111
4	151	91	18	3.333	6.667	3.333
4	151	91	30	4.444	3.333	-1.111
4	151	101	10	0.0	0.0	0.0
4	151	101	13	10.000	10.000	0.0
4	151	101	30	3.333	3.333	0.0
4	151	101	36	1.111	6.667	5.556
4	151	111	6	3.333	3.333	0.0
4	151	111	19	5.556	5.556	0.0
4	151	142	4	3.333	6.667	3.333
4	151	142	8	4.444	6.667	2.222
4	151	142	16	4.444	5.556	1.111
4	161	71	3	5.556	3.333	-2.222
4	161	71	7	6.667	7.778	1.111
4	161	71	17	11.111	6.667	-4.444
4	161	71	19	6.667	7.778	1.111
4	161	81	8	2.222	4.444	2.222
4	161	81	12	10.000	7.778	-2.222
4	161	81	24	2.222	4.444	2.222
4	161	81	28	5.556	0.0	-5.556
4	161	91	4	7.778	11.111	3.333
4	161	91	11	3.333	6.667	3.333
4	161	91	24	0.0	0.0	0.0
4	161	91	34	12.222	11.111	-1.111
4	161	101	15	3.333	2.222	-1.111
4	161	101	18	5.556	4.444	-1.111

TABLE 55. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	7.778	7.778	0.0
4	141	71	9	3.333	3.333	0.0
4	141	71	17	4.444	2.222	-2.222
4	141	81	1	2.222	5.556	3.333
4	141	81	9	6.667	8.889	2.222
4	141	81	15	3.333	4.444	1.111
4	141	81	18	8.889	5.556	-3.333
4	141	91	15	4.444	7.778	3.333
4	141	101	5	5.556	5.556	0.0
4	141	101	7	4.444	2.222	-2.222
4	141	101	9	3.333	5.556	2.222
4	151	71	11	1.111	7.778	6.667
4	151	71	13	7.778	8.889	1.111
4	151	71	17	2.222	6.667	4.444
4	151	71	34	10.000	8.889	-1.111
4	151	71	36	7.778	7.778	0.0
4	151	81	17	4.444	6.667	2.222
4	151	81	32	6.667	2.222	-4.444
4	151	81	35	1.111	2.222	1.111
4	151	91	1	5.556	3.333	-2.222
4	151	91	3	2.222	2.222	0.0
4	151	91	18	6.667	3.333	-3.333
4	151	91	30	8.889	6.667	-2.222
4	151	101	10	3.333	2.222	-1.111
4	151	101	13	4.444	3.333	-1.111
4	151	101	30	2.222	1.111	-1.111
4	151	101	36	4.444	3.333	-1.111
4	151	111	6	3.333	2.222	-1.111
4	151	111	19	4.444	3.333	-1.111
4	151	142	4	6.667	6.667	0.0
4	151	142	8	4.444	4.444	0.0
4	151	142	16	6.667	7.778	1.111
4	161	71	3	3.333	6.667	3.333
4	161	71	7	2.222	4.444	2.222
4	161	71	17	4.444	4.444	0.0
4	161	71	19	5.556	4.444	-1.111
4	161	81	8	2.222	2.222	0.0
4	161	81	12	5.556	5.556	0.0
4	161	81	24	6.667	4.444	-2.222
4	161	81	28	0.0	3.333	3.333
4	161	91	4	6.667	3.333	-3.333
4	161	91	11	1.111	3.333	2.222
4	161	91	24	3.333	2.222	-1.111
4	161	91	34	10.000	10.000	0.0
4	161	101	15	5.556	4.444	-1.111
4	161	101	18	4.444	2.222	-2.222

TABLE 56. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	3.333	2.222	-1.111
4	141	81	9	5.556	5.556	0.0
4	141	81	15	0.0	0.0	0.0
4	141	81	18	0.0	0.0	0.0
4	141	91	15	0.0	0.0	0.0
4	141	101	5	0.0	0.0	0.0
4	141	101	7	2.222	2.222	0.0
4	141	101	9	1.111	1.111	0.0
4	151	71	11	0.0	0.0	0.0
4	151	71	13	3.333	3.333	0.0
4	151	71	17	0.0	0.0	0.0
4	151	71	34	2.222	2.222	0.0
4	151	71	36	2.222	2.222	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	0.0	0.0	0.0
4	151	91	18	0.0	0.0	0.0
4	151	91	30	0.0	0.0	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	0.0	0.0
4	151	101	36	0.0	0.0	0.0
4	151	111	6	0.0	0.0	0.0
4	151	111	19	0.0	0.0	0.0
4	151	142	4	0.0	0.0	0.0
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	0.0	0.0	0.0
4	161	81	24	0.0	0.0	0.0
4	161	81	28	0.0	0.0	0.0
4	161	91	4	0.0	0.0	0.0
4	161	91	11	2.222	4.444	2.222
4	161	91	24	0.0	0.0	0.0
4	161	91	34	5.556	3.333	-2.222
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 57. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	1.111	1.111	0.0
4	141	71	9	0.0	1.111	1.111
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	1.111	1.111
4	141	81	9	0.0	0.0	0.0
4	141	81	15	0.0	0.0	0.0
4	141	81	18	0.0	1.111	1.111
4	141	91	15	0.0	0.0	0.0
4	141	101	5	1.111	1.111	0.0
4	141	101	7	0.0	0.0	0.0
4	141	101	9	0.0	0.0	0.0
4	151	71	11	1.111	3.333	2.222
4	151	71	13	0.0	0.0	0.0
4	151	71	17	1.111	3.333	2.222
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	1.111	3.333	2.222
4	151	91	18	4.444	4.444	0.0
4	151	91	30	2.222	2.222	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	1.111	1.111
4	151	101	36	0.0	1.111	1.111
4	151	111	6	2.222	0.0	-2.222
4	151	111	19	0.0	0.0	0.0
4	151	142	4	3.333	2.222	-1.111
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	2.222	1.111	-1.111
4	161	81	24	1.111	0.0	-1.111
4	161	81	28	1.111	2.222	1.111
4	161	91	4	1.111	0.0	-1.111
4	161	91	11	13.333	7.778	-5.556
4	161	91	24	0.0	0.0	0.0
4	161	91	34	0.0	1.111	1.111
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 58. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	14.444	16.666	2.222
4	141	71	9	7.778	10.000	2.222
4	141	71	17	4.444	4.444	0.0
4	141	81	1	12.222	16.666	4.444
4	141	81	9	23.333	26.666	3.333
4	141	81	15	5.556	6.667	1.111
4	141	81	18	4.444	7.778	3.333
4	141	91	15	3.333	7.778	4.444
4	141	101	5	4.444	13.333	8.889
4	141	101	7	7.778	5.556	-2.222
4	141	101	9	11.111	14.444	3.333
4	151	71	11	6.667	4.444	-2.222
4	151	71	13	16.666	17.778	1.111
4	151	71	17	4.444	7.778	3.333
4	151	71	34	17.778	22.222	4.444
4	151	71	36	22.222	18.889	-3.333
4	151	81	17	5.556	7.778	2.222
4	151	81	32	3.333	6.667	3.333
4	151	81	35	7.778	4.444	-3.333
4	151	91	1	3.333	5.556	2.222
4	151	91	3	7.778	8.889	1.111
4	151	91	18	16.666	4.444	-12.222
4	151	91	30	14.444	17.778	3.333
4	151	101	10	3.333	2.222	-1.111
4	151	101	13	6.667	13.333	6.667
4	151	101	30	4.444	7.778	3.333
4	151	101	36	5.556	5.556	0.0
4	151	111	6	4.444	6.667	2.222
4	151	111	19	5.556	16.666	11.111
4	151	142	4	12.222	12.222	0.0
4	151	142	8	3.333	3.333	0.0
4	151	142	16	5.556	6.667	1.111
4	161	71	3	6.667	11.111	4.444
4	161	71	7	11.111	8.889	-2.222
4	161	71	17	12.222	8.889	-3.333
4	161	71	19	6.667	5.556	-1.111
4	161	81	8	7.778	6.667	-1.111
4	161	81	12	7.778	10.000	2.222
4	161	81	24	3.333	6.667	3.333
4	161	81	28	6.667	16.666	10.000
4	161	91	4	8.889	11.111	2.222
4	161	91	11	4.444	3.333	-1.111
4	161	91	24	6.667	3.333	-3.333
4	161	91	34	22.222	15.555	-6.667
4	161	101	15	5.556	2.222	-3.333
4	161	101	18	4.444	6.667	2.222

TABLE 59. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	0.0	0.0
4	141	81	9	65.555	54.444	-11.111
4	141	81	15	0.0	0.0	0.0
4	141	81	18	0.0	0.0	0.0
4	141	91	15	0.0	0.0	0.0
4	141	101	5	0.0	0.0	0.0
4	141	101	7	0.0	2.222	2.222
4	141	101	9	0.0	0.0	0.0
4	151	71	11	0.0	0.0	0.0
4	151	71	13	0.0	0.0	0.0
4	151	71	17	0.0	0.0	0.0
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	0.0	0.0	0.0
4	151	91	18	0.0	4.444	4.444
4	151	91	30	0.0	0.0	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	0.0	0.0
4	151	101	36	0.0	0.0	0.0
4	151	111	6	0.0	0.0	0.0
4	151	111	19	0.0	0.0	0.0
4	151	142	4	0.0	0.0	0.0
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	0.0	0.0	0.0
4	161	81	24	0.0	0.0	0.0
4	161	81	28	0.0	0.0	0.0
4	161	91	4	0.0	0.0	0.0
4	161	91	11	64.444	166.665	102.221
4	161	91	24	0.0	0.0	0.0
4	161	91	34	55.555	89.999	34.444
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 60. SAMPLE SECTIONS AND LAND USE DATA

DOUGLAS COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1940	1966	CHANGE
4	141	71	5	0.0	0.0	0.0
4	141	71	9	0.0	0.0	0.0
4	141	71	17	0.0	0.0	0.0
4	141	81	1	0.0	0.0	0.0
4	141	81	9	0.0	0.0	0.0
4	141	81	15	0.0	0.0	0.0
4	141	81	18	0.0	0.0	0.0
4	141	91	15	0.0	0.0	0.0
4	141	101	5	0.0	0.0	0.0
4	141	101	7	0.0	0.0	0.0
4	141	101	9	0.0	0.0	0.0
4	151	71	11	0.0	0.0	0.0
4	151	71	13	0.0	0.0	0.0
4	151	71	17	0.0	0.0	0.0
4	151	71	34	0.0	0.0	0.0
4	151	71	36	0.0	0.0	0.0
4	151	81	17	0.0	0.0	0.0
4	151	81	32	0.0	0.0	0.0
4	151	81	35	0.0	0.0	0.0
4	151	91	1	0.0	0.0	0.0
4	151	91	3	0.0	0.0	0.0
4	151	91	18	0.0	0.0	0.0
4	151	91	30	0.0	0.0	0.0
4	151	101	10	0.0	0.0	0.0
4	151	101	13	0.0	0.0	0.0
4	151	101	30	0.0	0.0	0.0
4	151	101	36	0.0	1.111	1.111
4	151	111	6	0.0	0.0	0.0
4	151	111	19	0.0	0.0	0.0
4	151	142	4	0.0	0.0	0.0
4	151	142	8	0.0	0.0	0.0
4	151	142	16	0.0	0.0	0.0
4	161	71	3	0.0	0.0	0.0
4	161	71	7	0.0	0.0	0.0
4	161	71	17	0.0	0.0	0.0
4	161	71	19	0.0	0.0	0.0
4	161	81	8	0.0	0.0	0.0
4	161	81	12	0.0	0.0	0.0
4	161	81	24	0.0	0.0	0.0
4	161	81	28	0.0	0.0	0.0
4	161	91	4	0.0	0.0	0.0
4	161	91	11	10.000	12.222	2.222
4	161	91	24	0.0	0.0	0.0
4	161	91	34	0.0	0.0	0.0
4	161	101	15	0.0	0.0	0.0
4	161	101	18	0.0	0.0	0.0

TABLE 61. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	19.000	13.000	-6.000
5	231	71	15	25.000	19.000	-6.000
5	231	71	21	18.000	21.000	3.000
5	231	71	26	21.000	23.000	2.000
5	231	31	6	22.000	20.000	-2.000
5	231	81	11	18.000	14.000	-4.000
5	231	81	24	14.000	14.000	0.0
5	231	81	27	12.000	11.000	-1.000
5	231	91	3	18.000	21.000	3.000
5	231	91	15	20.000	27.000	7.000
5	231	91	27	19.000	13.000	-6.000
5	231	91	32	21.000	35.000	14.000
5	231	91	35	16.000	17.000	1.000
5	231	101	7	15.000	17.000	2.000
5	231	101	9	17.000	12.000	-5.000
5	231	101	15	13.000	10.000	-3.000
5	231	101	35	16.000	10.000	-6.000
5	231	142	31	19.000	21.000	2.000
5	241	71	8	9.000	6.000	-3.000
5	241	71	13	11.000	18.000	7.000
5	241	81	13	17.000	11.000	-6.000
5	241	81	21	24.000	19.000	-5.000
5	241	81	32	10.000	12.000	2.000
5	241	91	3	15.000	12.000	-3.000
5	241	91	12	10.000	12.000	2.000
5	241	91	16	12.000	10.000	-2.000
5	241	91	20	11.000	5.000	-6.000
5	241	91	26	13.000	13.000	0.0
5	241	91	32	12.000	8.000	-4.000
5	251	71	23	5.000	14.000	9.000
5	251	71	27	10.000	4.000	-6.000
5	251	71	29	14.000	7.000	-7.000
5	251	71	35	12.000	14.000	2.000
5	251	81	24	19.000	8.000	-11.000
5	251	91	1	21.000	14.000	-7.000
5	251	91	5	17.000	21.000	4.000
5	261	91	15	14.000	17.000	3.000
5	261	91	20	13.000	16.000	3.000
5	261	91	24	9.000	14.000	5.000
5	261	91	27	10.000	15.000	5.000
5	261	91	35	8.000	10.000	2.000
5	271	91	7	15.000	12.000	-3.000
5	271	91	13	13.000	9.000	-4.000
5	271	91	21	13.000	0.0	-13.000
5	271	91	32	13.000	17.000	4.000
5	281	91	5	10.000	8.000	-2.000
5	281	91	7	10.000	8.000	-2.000
5	281	91	29	13.000	9.000	-4.000
5	291	91	14	13.000	18.000	5.000
5	291	91	21	10.000	11.000	1.000

TABLE 61. CONTINUED

FORD COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	11.000	20.000	9.000
5	291	91	36	9.000	8.000	-1.000

TABLE 62. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	595.550	598.883	3.333
5	231	71	15	575.550	578.883	3.333
5	231	71	21	586.661	584.438	-2.222
5	231	71	26	594.438	582.216	-12.222
5	231	81	6	586.661	569.994	-16.667
5	231	81	11	539.995	526.661	-13.333
5	231	81	24	605.550	606.661	1.111
5	231	81	27	598.883	591.105	-7.778
5	231	91	3	529.995	512.217	-17.778
5	231	91	15	375.552	403.329	27.778
5	231	91	27	585.550	599.994	14.444
5	231	91	32	595.550	576.660	-18.889
5	231	91	35	603.327	601.105	-2.222
5	231	101	7	451.106	434.440	-16.667
5	231	101	9	594.438	588.883	-5.555
5	231	101	15	596.661	614.438	17.778
5	231	101	35	407.774	408.885	1.111
5	231	142	31	553.328	567.772	14.444
5	241	71	3	613.327	611.105	-2.222
5	241	71	13	617.771	616.660	-1.111
5	241	81	13	537.772	598.883	11.111
5	241	81	21	578.883	582.216	3.333
5	241	81	32	612.216	598.883	-13.333
5	241	91	3	585.550	612.216	26.667
5	241	91	12	497.773	486.662	-11.111
5	241	91	16	619.994	619.994	0.0
5	241	91	20	613.327	615.549	2.222
5	241	91	26	605.550	608.883	3.333
5	241	91	32	618.883	619.994	1.111
5	251	71	23	615.549	619.994	4.445
5	251	71	27	585.549	575.550	-10.000
5	251	71	29	607.772	616.660	8.889
5	251	71	35	513.328	501.106	-12.222
5	251	81	24	599.994	609.994	10.000
5	251	91	1	578.883	558.883	-20.000
5	251	91	5	588.883	604.438	15.555
5	261	91	15	594.438	588.883	-5.555
5	261	91	20	601.105	584.438	-16.667
5	261	91	24	606.661	605.550	-1.111
5	261	91	27	612.216	596.661	-15.555
5	261	91	35	603.327	598.883	-4.445
5	271	91	7	575.550	568.883	-6.667
5	271	91	13	606.661	615.549	8.889
5	271	91	21	589.994	599.994	10.000
5	271	91	32	581.105	591.105	10.000
5	281	91	5	606.661	616.660	10.000
5	281	91	7	605.550	609.994	4.444
5	281	91	29	596.661	598.883	2.222
5	291	91	14	597.772	603.327	5.556
5	291	91	21	594.438	609.994	15.555

TABLE 62. CONTINUED

FORD COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	605.550	599.994	-5.556
5	291	91	36	599.994	606.661	6.667

TABLE 63. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				PASTURE		
CCUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	4.444	13.333	8.889
5	231	71	15	11.111	6.667	-4.444
5	231	71	21	2.222	1.111	-1.111
5	231	71	26	7.778	6.667	-1.111
5	231	81	6	11.111	4.444	-6.667
5	231	81	11	10.000	4.444	-5.556
5	231	81	24	4.444	6.667	2.222
5	231	81	27	6.667	2.222	-4.444
5	231	91	3	71.110	82.221	11.111
5	231	91	15	226.664	158.887	-67.777
5	231	91	27	14.444	1.111	-13.333
5	231	91	32	8.889	10.000	1.111
5	231	91	35	1.111	2.222	1.111
5	231	101	7	20.000	4.444	-15.556
5	231	101	9	11.111	6.667	-4.444
5	231	101	15	11.111	5.556	-5.556
5	231	101	35	168.887	76.666	-92.221
5	231	142	31	58.888	36.666	-22.222
5	241	71	8	5.556	12.222	6.667
5	241	71	13	3.333	1.111	-2.222
5	241	81	13	16.666	2.222	-14.444
5	241	81	21	5.556	4.444	-1.111
5	241	81	32	7.778	7.778	0.0
5	241	91	3	21.111	2.222	-18.889
5	241	91	12	112.221	123.332	11.111
5	241	91	16	4.444	0.0	-4.444
5	241	91	20	4.444	4.444	0.0
5	241	91	26	12.222	3.333	-8.889
5	241	91	32	4.444	2.222	-2.222
5	251	71	23	4.444	1.111	-3.333
5	251	71	27	11.111	20.000	8.889
5	251	71	29	5.556	4.444	-1.111
5	251	71	35	62.222	67.777	5.555
5	251	81	24	17.778	6.667	-11.111
5	251	91	1	11.111	16.666	5.555
5	251	91	5	25.555	6.667	-18.889
5	261	91	15	12.222	7.778	-4.444
5	261	91	20	11.111	23.333	12.222
5	261	91	24	6.667	0.0	-6.667
5	261	91	27	3.333	2.222	-1.111
5	261	91	35	3.333	10.000	6.667
5	271	91	7	15.555	2.222	-13.333
5	271	91	13	8.889	1.111	-7.778
5	271	91	21	7.778	2.222	-5.556
5	271	91	32	14.444	8.889	-5.556
5	281	91	5	13.333	2.222	-11.111
5	281	91	7	8.889	5.556	-3.333
5	281	91	29	7.778	6.667	-1.111
5	291	91	14	16.666	1.111	-15.555
5	291	91	21	10.000	11.111	1.111

TABLE 63. CONTINUED

FORD COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	5.556	5.556	0.0
5	291	91	36	6.667	5.556	-1.111

TABLE 64. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	2.222	0.0	-2.222
5	231	71	21	0.0	0.0	0.0
5	231	71	26	0.0	0.0	0.0
5	231	81	6	0.0	0.0	0.0
5	231	81	11	0.0	0.0	0.0
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	0.0	0.0
5	231	91	15	0.0	12.222	12.222
5	231	91	27	0.0	0.0	0.0
5	231	91	32	1.111	0.0	-1.111
5	231	91	35	0.0	0.0	0.0
5	231	101	7	0.0	0.0	0.0
5	231	101	9	0.0	0.0	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	32.222	99.999	67.777
5	231	142	31	0.0	0.0	0.0
5	241	71	8	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	0.0	0.0	0.0
5	241	81	32	0.0	0.0	0.0
5	241	91	3	0.0	0.0	0.0
5	241	91	12	0.0	0.0	0.0
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	1.111	1.111	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	0.0	0.0	0.0
5	251	71	29	0.0	0.0	0.0
5	251	71	35	0.0	0.0	0.0
5	251	81	24	0.0	0.0	0.0
5	251	91	1	1.111	2.222	1.111
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	0.0	0.0	0.0
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	1.111	7.778	6.667
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	1.111	1.111
5	271	91	32	0.0	0.0	0.0
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 64. CONTINUED

FORD COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 65. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	0.0	0.0	0.0
5	231	71	21	0.0	0.0	0.0
5	231	71	26	0.0	0.0	0.0
5	231	81	6	0.0	0.0	0.0
5	231	81	11	0.0	0.0	0.0
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	0.0	0.0
5	231	91	15	0.0	0.0	0.0
5	231	91	27	1.111	0.0	-1.111
5	231	91	32	0.0	0.0	0.0
5	231	91	35	0.0	0.0	0.0
5	231	101	7	0.0	0.0	0.0
5	231	101	9	0.0	0.0	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	0.0	0.0	0.0
5	231	142	31	1.111	0.0	-1.111
5	241	71	8	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	0.0	0.0	0.0
5	241	81	32	0.0	0.0	0.0
5	241	91	3	0.0	0.0	0.0
5	241	91	12	0.0	0.0	0.0
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	0.0	0.0	0.0
5	251	71	29	0.0	0.0	0.0
5	251	71	35	0.0	0.0	0.0
5	251	81	24	0.0	0.0	0.0
5	251	91	1	0.0	0.0	0.0
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	1.111	0.0	-1.111
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	0.0	0.0	0.0
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	0.0	0.0
5	271	91	32	0.0	0.0	0.0
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 65. CONTINUED

FORD COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 66. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	0.0	0.0	0.0
5	231	71	21	0.0	0.0	0.0
5	231	71	26	0.0	0.0	0.0
5	231	81	6	2.222	2.222	0.0
5	231	81	11	0.0	0.0	0.0
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	12.222	12.222
5	231	91	15	0.0	32.222	32.222
5	231	91	27	0.0	0.0	0.0
5	231	91	32	0.0	7.778	7.778
5	231	91	35	8.889	0.0	-8.889
5	231	101	7	1.111	1.111	0.0
5	231	101	9	0.0	0.0	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	2.222	35.555	33.333
5	231	142	31	0.0	5.556	5.556
5	241	71	8	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	0.0	0.0	0.0
5	241	81	32	0.0	0.0	0.0
5	241	91	3	0.0	0.0	0.0
5	241	91	12	0.0	0.0	0.0
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	1.111	0.0	-1.111
5	251	71	29	0.0	0.0	0.0
5	251	71	35	0.0	0.0	0.0
5	251	81	24	0.0	0.0	0.0
5	251	91	1	0.0	0.0	0.0
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	0.0	0.0	0.0
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	0.0	0.0	0.0
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	0.0	0.0
5	271	91	32	0.0	0.0	0.0
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 66. CONTINUED

FORD COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 67. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	5.556	1.111	-4.444
5	231	71	15	7.778	0.0	-7.778
5	231	71	21	0.0	0.0	0.0
5	231	71	26	16.666	1.111	-15.555
5	231	81	6	10.000	4.444	-5.556
5	231	81	11	2.222	0.0	-2.222
5	231	81	24	5.556	4.444	-1.111
5	231	81	27	2.222	3.333	1.111
5	231	91	3	4.444	4.444	0.0
5	231	91	15	2.222	3.333	1.111
5	231	91	27	5.556	7.778	2.222
5	231	91	32	13.333	6.667	-6.667
5	231	91	35	2.222	2.222	0.0
5	231	101	7	4.444	1.111	-3.333
5	231	101	9	3.333	1.111	-2.222
5	231	101	15	10.000	0.0	-10.000
5	231	101	35	4.444	1.111	-3.333
5	231	142	31	4.444	4.444	0.0
5	241	71	8	2.222	0.0	-2.222
5	241	71	13	2.222	0.0	-2.222
5	241	81	13	15.555	10.000	-5.556
5	241	81	21	2.222	1.111	-1.111
5	241	81	32	2.222	4.444	2.222
5	241	91	3	5.556	0.0	-5.556
5	241	91	12	12.222	12.222	0.0
5	241	91	16	2.222	2.222	0.0
5	241	91	20	6.667	0.0	-6.667
5	241	91	26	11.111	6.667	-4.444
5	241	91	32	1.111	0.0	-1.111
5	251	71	23	3.333	0.0	-3.333
5	251	71	27	3.333	2.222	-1.111
5	251	71	29	2.222	0.0	-2.222
5	251	71	35	3.333	3.333	0.0
5	251	81	24	5.556	5.556	0.0
5	251	91	1	2.222	1.111	-1.111
5	251	91	5	4.444	5.556	1.111
5	261	91	15	14.444	11.111	-3.333
5	261	91	20	8.889	8.889	0.0
5	261	91	24	1.111	0.0	-1.111
5	261	91	27	3.333	12.222	8.889
5	261	91	35	13.333	2.222	-11.111
5	271	91	7	6.667	20.000	13.333
5	271	91	13	0.0	0.0	0.0
5	271	91	21	3.333	2.222	-1.111
5	271	91	32	8.889	4.444	-4.444
5	281	91	5	3.333	0.0	-3.333
5	281	91	7	2.222	0.0	-2.222
5	281	91	29	1.111	0.0	-1.111
5	291	91	14	8.889	1.111	-7.778
5	291	91	21	5.556	1.111	-4.444

TABLE 67. CONTINUED

FORD COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	14.444	0.0	-14.444
5	291	91	36	1.111	0.0	-1.111

TABLE 68. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	0.0	0.0	0.0
5	231	71	21	0.0	0.0	0.0
5	231	71	26	0.0	0.0	0.0
5	231	81	6	0.0	0.0	0.0
5	231	81	11	0.0	0.0	0.0
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	0.0	0.0
5	231	91	15	0.0	0.0	0.0
5	231	91	27	0.0	0.0	0.0
5	231	91	22	0.0	0.0	0.0
5	231	91	35	0.0	0.0	0.0
5	231	101	7	0.0	0.0	0.0
5	231	101	9	0.0	0.0	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	0.0	0.0	0.0
5	231	142	31	0.0	0.0	0.0
5	241	71	3	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	0.0	0.0	0.0
5	241	81	32	2.222	0.0	-2.222
5	241	91	3	0.0	0.0	0.0
5	241	91	12	0.0	0.0	0.0
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	22	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	0.0	0.0	0.0
5	251	71	29	0.0	0.0	0.0
5	251	71	35	0.0	0.0	0.0
5	251	81	24	0.0	0.0	0.0
5	251	91	1	0.0	0.0	0.0
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	0.0	0.0	0.0
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	0.0	0.0	0.0
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	0.0	0.0
5	271	91	32	0.0	0.0	0.0
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 68. CONTINUED

FORD COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 69. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	10.000	3.333	-6.667
5	231	71	15	6.667	7.778	1.111
5	231	71	21	7.778	10.000	2.222
5	231	71	26	6.667	12.222	5.556
5	231	81	6	10.000	12.222	2.222
5	231	81	11	8.889	6.667	-2.222
5	231	81	24	12.222	6.667	-5.556
5	231	81	27	4.444	5.556	1.111
5	231	91	3	5.556	6.667	1.111
5	231	91	15	7.778	12.222	4.444
5	231	91	27	5.556	3.333	-2.222
5	231	91	32	6.667	4.444	-2.222
5	231	91	35	1.111	1.111	0.0
5	231	101	7	1.111	5.556	4.444
5	231	101	9	3.333	7.778	4.444
5	231	101	15	11.111	7.778	-3.333
5	231	101	35	4.444	4.444	0.0
5	231	142	31	2.222	4.444	2.222
5	241	71	8	4.444	3.333	-1.111
5	241	71	13	3.333	4.444	1.111
5	241	81	13	6.667	5.556	-1.111
5	241	81	21	7.778	8.889	1.111
5	241	81	32	3.333	5.556	2.222
5	241	91	3	3.333	1.111	-2.222
5	241	91	12	4.444	1.111	-3.333
5	241	91	16	1.111	3.333	2.222
5	241	91	20	4.444	4.444	0.0
5	241	91	26	3.333	5.556	2.222
5	241	91	32	6.667	3.333	-3.333
5	251	71	23	1.111	1.111	0.0
5	251	71	27	10.000	8.889	-1.111
5	251	71	29	3.333	3.333	0.0
5	251	71	35	5.556	4.444	-1.111
5	251	81	24	4.444	6.667	2.222
5	251	91	1	3.333	3.333	0.0
5	251	91	5	5.556	5.556	0.0
5	261	91	15	3.333	5.556	2.222
5	261	91	20	2.222	4.444	2.222
5	261	91	24	6.667	4.444	-2.222
5	261	91	27	2.222	4.444	2.222
5	261	91	35	3.333	4.444	1.111
5	271	91	7	3.333	5.556	2.222
5	271	91	13	2.222	1.111	-1.111
5	271	91	21	7.778	6.667	-1.111
5	271	91	32	12.222	6.667	-5.556
5	281	91	5	3.333	3.333	0.0
5	281	91	7	3.333	4.444	1.111
5	281	91	29	10.000	11.111	1.111
5	291	91	14	2.222	4.444	2.222
5	291	91	21	5.556	3.333	-2.222

TABLE 69. CONTINUED

FORD COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	3.333	5.556	2.222
5	291	91	36	5.556	7.778	2.222

TABLE 70. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	18.888	10.000	-8.888
5	231	71	15	4.444	6.667	2.222
5	231	71	21	4.444	8.889	4.444
5	231	71	26	4.444	10.000	5.556
5	231	81	6	4.444	6.667	2.222
5	231	81	11	0.0	1.111	1.111
5	231	81	24	1.111	3.333	2.222
5	231	81	27	2.222	4.444	2.222
5	231	91	3	4.444	2.222	-2.222
5	231	91	15	3.333	6.667	3.333
5	231	91	27	5.556	3.333	-2.222
5	231	91	32	2.222	5.556	3.333
5	231	91	35	4.444	5.556	1.111
5	231	101	7	6.667	2.222	-4.444
5	231	101	9	2.222	4.444	2.222
5	231	101	15	5.556	4.444	-1.111
5	231	101	35	5.556	6.667	1.111
5	231	142	31	5.556	4.444	-1.111
5	241	71	8	6.667	2.222	-4.444
5	241	71	13	7.778	2.222	-5.556
5	241	81	13	5.556	8.889	3.333
5	241	81	21	6.667	3.333	-3.333
5	241	81	32	3.333	7.778	4.444
5	241	91	3	4.444	1.111	-3.333
5	241	91	12	4.444	7.778	3.333
5	241	91	16	0.0	4.444	4.444
5	241	91	20	4.444	4.444	0.0
5	241	91	26	2.222	5.556	3.333
5	241	91	32	1.111	2.222	1.111
5	251	71	23	5.556	5.556	0.0
5	251	71	27	3.333	5.556	2.222
5	251	71	29	11.111	5.556	-5.556
5	251	71	35	5.556	10.000	4.444
5	251	81	24	7.778	2.222	-5.556
5	251	91	1	10.000	7.778	-2.222
5	251	91	5	8.889	10.000	1.111
5	261	91	15	4.444	4.444	0.0
5	261	91	20	2.222	6.667	4.444
5	261	91	24	3.333	7.778	4.444
5	261	91	27	2.222	4.444	2.222
5	261	91	35	1.111	3.333	2.222
5	271	91	7	2.222	3.333	1.111
5	271	91	13	1.111	2.222	1.111
5	271	91	21	3.333	5.556	2.222
5	271	91	32	4.444	10.000	5.556
5	281	91	5	2.222	6.667	4.444
5	281	91	7	7.778	4.444	-3.333
5	281	91	29	1.111	3.333	2.222
5	291	91	14	1.111	2.222	1.111
5	291	91	21	10.000	4.444	-5.556

TABLE 70. CONTINUED

FORD COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	4.444	2.222	-2.222
5	291	91	36	3.333	4.444	1.111

TABLE 71. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	1.111	1.111
5	231	71	15	4.444	6.667	2.222
5	231	71	21	1.111	2.222	1.111
5	231	71	26	0.0	0.0	0.0
5	231	81	6	0.0	0.0	0.0
5	231	81	11	3.333	3.333	0.0
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	0.0	0.0
5	231	91	15	0.0	0.0	0.0
5	231	91	27	2.222	0.0	-2.222
5	231	91	32	0.0	0.0	0.0
5	231	91	35	0.0	0.0	0.0
5	231	101	7	0.0	0.0	0.0
5	231	101	9	3.333	3.333	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	0.0	0.0	0.0
5	231	142	31	0.0	0.0	0.0
5	241	71	3	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	15	0.0	0.0	0.0
5	241	81	21	3.333	4.444	1.111
5	241	81	32	0.0	0.0	0.0
5	241	91	3	1.111	0.0	-1.111
5	241	91	12	0.0	1.111	1.111
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	1.111	2.222	1.111
5	251	71	29	0.0	0.0	0.0
5	251	71	35	2.222	2.222	0.0
5	251	81	24	0.0	0.0	0.0
5	251	91	1	3.333	5.556	2.222
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	0.0	0.0	0.0
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	0.0	0.0	0.0
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	0.0	0.0
5	271	91	32	0.0	0.0	0.0
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 71. CONTINUED

FORD COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	5.556	0.0	-5.556

TABLE 72. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	3.333	1.111	-2.222
5	231	71	21	2.222	2.222	0.0
5	231	71	26	3.333	2.222	-1.111
5	231	81	6	1.111	0.0	-1.111
5	231	81	11	2.222	2.222	0.0
5	231	81	24	2.222	2.222	0.0
5	231	81	27	2.222	1.111	-1.111
5	231	91	3	6.667	6.667	0.0
5	231	91	15	12.222	6.667	-5.556
5	231	91	27	3.333	3.333	0.0
5	231	91	32	2.222	2.222	0.0
5	231	91	35	1.111	2.222	1.111
5	231	101	7	0.0	0.0	0.0
5	231	101	9	1.111	1.111	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	8.889	4.444	-4.444
5	231	142	31	2.222	0.0	-2.222
5	241	71	8	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	1.111	2.222	1.111
5	241	81	32	0.0	0.0	0.0
5	241	91	3	0.0	1.111	1.111
5	241	91	12	1.111	0.0	-1.111
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	3.333	2.222	-1.111
5	251	71	29	0.0	0.0	0.0
5	251	71	35	3.333	1.111	-2.222
5	251	81	24	0.0	0.0	0.0
5	251	91	1	3.333	4.444	1.111
5	251	91	5	0.0	0.0	0.0
5	261	91	15	1.111	0.0	-1.111
5	261	91	20	2.222	3.333	1.111
5	261	91	24	2.222	2.222	0.0
5	261	91	27	1.111	2.222	1.111
5	261	91	35	1.111	1.111	0.0
5	271	91	7	8.889	5.556	-3.333
5	271	91	13	2.222	3.333	1.111
5	271	91	21	3.333	1.111	-2.222
5	271	91	32	1.111	1.111	0.0
5	281	91	5	1.111	0.0	-1.111
5	281	91	7	1.111	1.111	0.0
5	281	91	29	2.222	2.222	0.0
5	291	91	14	2.222	1.111	-1.111
5	291	91	21	2.222	0.0	-2.222

TABLE 72. CONTINUED

FORD COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 73. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	5.556	12.222	6.667
5	231	71	15	24.444	32.222	7.778
5	231	71	21	35.555	31.111	-4.445
5	231	71	26	6.667	25.555	18.889
5	231	81	6	14.444	40.000	25.555
5	231	81	11	20.000	31.111	11.111
5	231	81	24	8.889	10.000	1.111
5	231	81	27	23.333	32.222	8.889
5	231	91	3	17.778	13.333	-4.444
5	231	91	15	12.222	4.444	-7.778
5	231	91	27	16.666	21.111	4.445
5	231	91	32	10.000	26.666	16.666
5	231	91	35	17.778	25.555	7.778
5	231	101	7	11.111	13.333	2.222
5	231	101	9	21.111	26.666	5.555
5	231	101	15	5.556	7.778	2.222
5	231	101	35	5.556	2.222	-3.333
5	231	142	31	10.000	14.444	4.444
5	241	71	8	7.778	11.111	3.333
5	241	71	13	5.556	15.555	10.000
5	241	81	13	7.778	14.444	6.667
5	241	81	21	34.444	33.333	-1.111
5	241	81	32	8.889	15.555	6.667
5	241	91	3	18.889	22.222	3.333
5	241	91	12	7.778	7.778	0.0
5	241	91	16	12.222	10.000	-2.222
5	241	91	20	6.667	11.111	4.444
5	241	91	26	5.556	10.000	4.444
5	241	91	32	6.667	11.111	4.444
5	251	71	23	10.000	12.222	2.222
5	251	71	27	21.111	18.889	-2.222
5	251	71	29	10.000	10.000	0.0
5	251	71	35	16.666	17.778	1.111
5	251	81	24	4.444	8.889	4.444
5	251	91	1	26.666	40.000	13.333
5	251	91	5	6.667	7.778	1.111
5	261	91	15	10.000	22.222	12.222
5	261	91	20	11.111	8.889	-2.222
5	261	91	24	13.333	20.000	6.667
5	261	91	27	15.555	17.778	2.222
5	261	91	35	14.444	20.000	5.556
5	271	91	7	26.666	26.666	0.0
5	271	91	13	18.889	16.666	-2.222
5	271	91	21	24.444	21.111	-3.333
5	271	91	32	17.778	8.889	-8.889
5	281	91	5	10.000	11.111	1.111
5	281	91	7	11.111	14.444	3.333
5	281	91	29	21.111	17.778	-3.333
5	291	91	14	11.111	26.666	15.555
5	291	91	21	12.222	10.000	-2.222

TABLE 73. CONTINUED

FORD COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	6.667	26.666	20.000
5	291	91	36	17.778	15.555	-2.222

TABLE 74. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	0.0	0.0	0.0
5	231	71	21	0.0	0.0	0.0
5	231	71	26	0.0	0.0	0.0
5	231	81	6	0.0	0.0	0.0
5	231	81	11	49.999	62.222	12.222
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	0.0	0.0
5	231	91	15	0.0	0.0	0.0
5	231	91	27	0.0	0.0	0.0
5	231	91	32	0.0	0.0	0.0
5	231	91	35	0.0	0.0	0.0
5	231	101	7	144.443	177.776	33.333
5	231	101	9	0.0	0.0	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	0.0	0.0	0.0
5	231	142	31	0.0	0.0	0.0
5	241	71	8	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	0.0	0.0	0.0
5	241	81	32	0.0	0.0	0.0
5	241	91	3	0.0	0.0	0.0
5	241	91	12	0.0	0.0	0.0
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	0.0	3.333	3.333
5	251	71	29	0.0	0.0	0.0
5	251	71	35	27.777	32.222	4.444
5	251	81	24	0.0	0.0	0.0
5	251	91	1	0.0	0.0	0.0
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	0.0	0.0	0.0
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	0.0	0.0	0.0
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	0.0	0.0
5	271	91	32	0.0	0.0	0.0
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 74. CONTINUED

FOPD COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 75. SAMPLE SECTIONS AND LAND USE DATA

FORD COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	231	71	8	0.0	0.0	0.0
5	231	71	15	0.0	0.0	0.0
5	231	71	21	0.0	0.0	0.0
5	231	71	26	0.0	0.0	0.0
5	231	81	6	0.0	0.0	0.0
5	231	81	11	3.333	2.222	-1.111
5	231	81	24	0.0	0.0	0.0
5	231	81	27	0.0	0.0	0.0
5	231	91	3	0.0	0.0	0.0
5	231	91	15	0.0	0.0	0.0
5	231	91	27	0.0	0.0	0.0
5	231	91	32	0.0	0.0	0.0
5	231	91	35	0.0	0.0	0.0
5	231	101	7	0.0	0.0	0.0
5	231	101	9	0.0	0.0	0.0
5	231	101	15	0.0	0.0	0.0
5	231	101	35	0.0	0.0	0.0
5	231	142	31	2.222	2.222	0.0
5	241	71	8	0.0	0.0	0.0
5	241	71	13	0.0	0.0	0.0
5	241	81	13	0.0	0.0	0.0
5	241	81	21	0.0	0.0	0.0
5	241	81	32	0.0	0.0	0.0
5	241	91	3	0.0	0.0	0.0
5	241	91	12	0.0	0.0	0.0
5	241	91	16	0.0	0.0	0.0
5	241	91	20	0.0	0.0	0.0
5	241	91	26	0.0	0.0	0.0
5	241	91	32	0.0	0.0	0.0
5	251	71	23	0.0	0.0	0.0
5	251	71	27	0.0	1.111	1.111
5	251	71	29	0.0	0.0	0.0
5	251	71	35	0.0	0.0	0.0
5	251	81	24	0.0	0.0	0.0
5	251	91	1	0.0	0.0	0.0
5	251	91	5	0.0	0.0	0.0
5	261	91	15	0.0	0.0	0.0
5	261	91	20	0.0	0.0	0.0
5	261	91	24	0.0	0.0	0.0
5	261	91	27	0.0	0.0	0.0
5	261	91	35	0.0	0.0	0.0
5	271	91	7	0.0	0.0	0.0
5	271	91	13	0.0	0.0	0.0
5	271	91	21	0.0	0.0	0.0
5	271	91	32	0.0	8.889	8.889
5	281	91	5	0.0	0.0	0.0
5	281	91	7	0.0	0.0	0.0
5	281	91	29	0.0	0.0	0.0
5	291	91	14	0.0	0.0	0.0
5	291	91	21	0.0	0.0	0.0

TABLE 75. CONTINUED

FORD COUNTY				CTHER		
COUNTY	TWP	RNG	SECTION	1940	1967	CHANGE
5	291	91	26	0.0	0.0	0.0
5	291	91	36	0.0	0.0	0.0

TABLE 76. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	21.000	26.000	5.000
6	201	92	9	20.000	18.000	-2.000
6	201	92	18	15.000	18.000	3.000
6	201	92	23	10.000	9.000	-1.000
6	201	82	22	20.000	11.000	-9.000
6	201	82	25	25.000	19.000	-6.000
6	201	82	30	14.000	18.000	4.000
6	201	82	32	14.000	12.000	-2.000
6	201	72	7	22.000	20.000	-2.000
6	201	72	10	15.000	12.000	-3.000
6	201	72	19	19.000	20.000	1.000
6	201	72	24	13.000	18.000	5.000
6	201	72	34	19.000	28.000	9.000
6	201	62	1	16.000	20.000	4.000
6	201	62	5	20.000	20.000	0.0
6	201	62	17	15.000	14.000	-1.000
6	201	62	31	14.000	21.000	7.000
6	201	62	35	16.000	22.000	6.000
6	201	52	4	20.000	23.000	3.000
6	201	52	7	22.000	12.000	-10.000
6	201	52	17	12.000	10.000	-2.000
6	201	52	24	20.000	16.000	-4.000
6	201	52	26	13.000	15.000	2.000
6	201	52	30	17.000	14.000	-3.000
6	201	52	36	12.000	15.000	3.000
6	211	32	17	22.000	13.000	-9.000
6	211	82	21	21.000	16.000	-5.000
6	211	82	26	11.000	9.000	-2.000
6	211	82	30	26.000	24.000	-2.000
6	211	82	34	20.000	21.000	1.000
6	211	72	7	18.000	13.000	-5.000
6	211	72	31	16.000	16.000	0.0
6	211	72	35	15.000	14.000	-1.000
6	211	62	6	20.000	18.000	-2.000
6	211	62	11	11.000	13.000	2.000
6	211	62	16	14.000	14.000	0.0
6	211	62	18	16.000	17.000	1.000
6	211	62	23	13.000	21.000	8.000
6	211	62	30	15.000	15.000	0.0
6	211	62	35	18.000	19.000	1.000
6	211	52	8	29.000	21.000	-8.000
6	211	52	19	13.000	13.000	0.0
6	211	52	26	12.000	16.000	4.000
6	211	52	36	17.000	14.000	-3.000
6	221	82	8	12.000	12.000	0.0
6	221	82	21	13.000	15.000	2.000
6	221	72	3	15.000	14.000	-1.000
6	221	72	5	17.000	16.000	-1.000
6	221	72	14	18.000	18.000	0.0
6	221	72	24	18.000	16.000	-2.000

TABLE 76. CONTINUED

MASON COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	22.000	16.000	-6.000
6	221	62	2	24.000	11.000	-13.000
6	221	62	5	17.000	12.000	-5.000
6	221	62	15	15.000	19.000	4.000
6	221	62	25	11.000	10.000	-1.000
6	231	72	19	5.000	5.000	0.0
6	231	72	22	21.000	7.000	-14.000
6	231	72	25	12.000	16.000	4.000
6	231	62	23	13.000	14.000	1.000

TABLE 77. SAMPLE SECTIONS AND LAND USE DATA

MASCEN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	362.219	376.663	14.444
6	201	92	9	545.550	531.106	-14.444
6	201	92	18	107.777	72.221	-35.555
6	201	92	23	124.443	108.888	-15.555
6	201	82	22	383.329	414.440	31.111
6	201	82	25	529.995	538.884	8.889
6	201	82	30	618.883	606.661	-12.222
6	201	82	32	613.327	598.883	-14.444
6	201	72	7	577.772	545.550	-32.222
6	201	72	10	608.883	615.549	6.667
6	201	72	19	531.106	541.106	10.000
6	201	72	24	556.661	567.772	11.111
6	201	72	34	471.106	568.884	97.777
6	201	62	1	595.550	593.327	-2.222
6	201	62	5	444.440	522.217	77.777
6	201	62	17	599.994	608.883	8.889
6	201	62	31	381.107	467.773	86.666
6	201	62	35	538.884	583.327	44.444
6	201	52	4	611.105	615.549	4.444
6	201	52	7	392.218	303.330	-88.888
6	201	52	17	609.994	618.883	8.889
6	201	52	24	502.217	534.439	32.222
6	201	52	26	441.107	549.994	108.888
6	201	52	30	528.884	545.550	16.667
6	201	52	36	543.328	592.216	48.888
6	211	82	17	587.772	581.105	-6.667
6	211	82	21	613.327	612.216	-1.111
6	211	82	26	324.441	312.219	-12.222
6	211	82	30	551.105	526.661	-24.444
6	211	82	34	399.996	414.440	14.444
6	211	72	7	555.550	542.217	-13.333
6	211	72	31	601.105	612.216	11.111
6	211	72	35	581.105	552.217	-28.888
6	211	62	6	601.105	609.994	8.889
6	211	62	11	609.994	616.660	6.667
6	211	62	16	605.550	605.550	0.0
6	211	62	18	604.438	589.994	-14.444
6	211	62	23	595.550	593.327	-2.222
6	211	62	30	595.550	615.549	20.000
6	211	62	35	602.216	604.438	2.222
6	211	52	8	531.106	521.106	-10.000
6	211	52	19	531.106	598.883	67.777
6	211	52	26	607.772	612.216	4.444
6	211	52	36	613.327	609.994	-3.333
6	221	82	8	41.111	31.111	-10.000
6	221	82	21	589.994	596.661	6.667
6	221	72	3	194.443	88.888	-105.555
6	221	72	5	517.772	211.109	-306.663
6	221	72	14	424.440	438.885	14.444
6	221	72	24	591.105	593.327	2.222

TABLE 77. CONTINUED

MASON COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	579.994	563.328	-16.667
6	221	62	2	604.438	621.105	16.667
6	221	62	5	613.327	617.771	4.444
6	221	62	15	599.994	614.438	14.444
6	221	62	25	597.772	606.661	8.889
6	231	72	19	0.0	0.0	0.0
6	231	72	22	221.109	155.554	-65.555
6	231	72	25	614.438	593.327	-21.111
6	231	62	23	559.994	567.772	7.778

TABLE 78. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	16.666	3.333	-13.333
6	201	92	9	21.111	7.778	-13.333
6	201	92	18	7.778	16.666	8.889
6	201	92	23	81.110	65.555	-15.555
6	201	82	22	66.666	8.889	-57.777
6	201	82	25	37.777	16.666	-21.111
6	201	82	30	0.0	1.111	1.111
6	201	82	32	3.333	4.444	1.111
6	201	72	7	17.778	1.111	-16.666
6	201	72	10	3.333	4.444	1.111
6	201	72	19	17.778	11.111	-6.667
6	201	72	24	58.888	27.777	-31.111
6	201	72	34	0.0	0.0	0.0
6	201	62	1	4.444	3.333	-1.111
6	201	62	5	156.665	2.222	-154.443
6	201	62	17	3.333	2.222	-1.111
6	201	62	31	87.777	0.0	-87.777
6	201	62	35	63.333	10.000	-53.333
6	201	52	4	3.333	0.0	-3.333
6	201	52	7	7.778	0.0	-7.778
6	201	52	17	0.0	0.0	0.0
6	201	52	24	103.332	4.444	-98.888
6	201	52	26	125.554	0.0	-125.554
6	201	52	30	47.777	34.444	-13.333
6	201	52	36	1.111	0.0	-1.111
6	211	82	17	10.000	11.111	1.111
6	211	82	21	2.222	3.333	1.111
6	211	82	26	38.889	6.667	-32.222
6	211	82	30	17.778	26.666	8.889
6	211	82	34	47.777	54.444	6.667
6	211	72	7	25.555	8.889	-16.666
6	211	72	31	3.333	2.222	-1.111
6	211	72	35	12.222	12.222	0.0
6	211	62	6	5.556	0.0	-5.556
6	211	62	11	0.0	0.0	0.0
6	211	62	16	8.889	4.444	-4.444
6	211	62	18	7.778	3.333	-4.444
6	211	62	23	14.444	3.333	-11.111
6	211	62	30	5.556	1.111	-4.444
6	211	62	35	8.889	13.333	4.444
6	211	52	8	53.333	41.111	-12.222
6	211	52	19	59.999	0.0	-59.999
6	211	52	26	5.556	1.111	-4.444
6	211	52	36	4.444	5.556	1.111
6	221	82	8	0.0	0.0	0.0
6	221	82	21	22.222	16.666	-5.556
6	221	72	3	0.0	0.0	0.0
6	221	72	5	75.555	0.0	-75.555
6	221	72	14	13.333	0.0	-13.333
6	221	72	24	8.889	11.111	2.222

TABLE 78. CONTINUED

MASON COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	15.555	5.556	-10.000
6	221	62	2	8.889	4.444	-4.444
6	221	62	5	4.444	3.333	-1.111
6	221	62	15	15.555	4.444	-11.111
6	221	62	25	10.000	1.111	-8.889
6	231	72	19	0.0	0.0	0.0
6	231	72	22	0.0	7.778	7.778
6	231	72	25	2.222	0.0	-2.222
6	231	62	23	54.444	51.111	-3.333

TABLE 79. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	57.777	58.888	1.111
6	201	92	9	42.222	68.888	26.666
6	201	92	18	99.999	58.888	-41.111
6	201	92	23	0.0	461.106	461.106
6	201	82	22	179.998	202.220	22.222
6	201	82	25	21.111	22.222	1.111
6	201	82	30	0.0	0.0	0.0
6	201	82	32	1.111	0.0	-1.111
6	201	72	7	10.000	28.889	18.889
6	201	72	10	0.0	11.111	11.111
6	201	72	19	36.666	57.777	21.111
6	201	72	24	0.0	14.444	14.444
6	201	72	34	55.555	13.333	-42.222
6	201	62	1	0.0	0.0	0.0
6	201	62	5	0.0	4.444	4.444
6	201	62	17	0.0	0.0	0.0
6	201	62	31	22.222	18.889	-3.333
6	201	62	35	1.111	4.444	3.333
6	201	52	4	0.0	0.0	0.0
6	201	52	7	0.0	0.0	0.0
6	201	52	17	0.0	0.0	0.0
6	201	52	24	0.0	67.777	67.777
6	201	52	26	32.222	43.333	11.111
6	201	52	30	2.222	10.000	7.778
6	201	52	36	51.111	13.333	-37.777
6	211	82	17	0.0	0.0	0.0
6	211	82	21	0.0	0.0	0.0
6	211	82	26	219.998	273.331	53.333
6	211	82	30	16.666	22.222	5.556
6	211	82	34	83.333	131.110	47.777
6	211	72	7	28.889	65.555	36.666
6	211	72	31	0.0	0.0	0.0
6	211	72	35	2.222	2.222	0.0
6	211	62	6	0.0	0.0	0.0
6	211	62	11	1.111	1.111	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	3.333	2.222	-1.111
6	211	62	23	1.111	3.333	2.222
6	211	62	30	8.889	0.0	-8.889
6	211	62	35	0.0	0.0	0.0
6	211	52	8	0.0	5.556	5.556
6	211	52	19	0.0	0.0	0.0
6	211	52	26	0.0	0.0	0.0
6	211	52	36	0.0	0.0	0.0
6	221	82	8	0.0	0.0	0.0
6	221	82	21	0.0	4.444	4.444
6	221	72	3	409.996	481.106	71.110
6	221	72	5	20.000	313.330	293.330
6	221	72	14	135.554	136.665	1.111
6	221	72	24	0.0	0.0	0.0

TABLE 79. CONTINUED

MASON COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	17.778	25.555	7.778
6	221	62	2	1.111	1.111	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	8.889	8.889
6	231	72	19	0.0	0.0	0.0
6	231	72	22	268.886	402.213	133.332
6	231	72	25	0.0	23.333	23.333
6	231	62	23	0.0	0.0	0.0

TABLE 80. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	0.0	0.0	0.0
6	201	92	9	0.0	0.0	0.0
6	201	92	18	0.0	0.0	0.0
6	201	92	23	0.0	0.0	0.0
6	201	82	22	0.0	0.0	0.0
6	201	82	25	0.0	0.0	0.0
6	201	82	30	0.0	0.0	0.0
6	201	82	32	0.0	0.0	0.0
6	201	72	7	0.0	0.0	0.0
6	201	72	10	0.0	0.0	0.0
6	201	72	19	0.0	0.0	0.0
6	201	72	24	0.0	0.0	0.0
6	201	72	34	0.0	0.0	0.0
6	201	62	1	0.0	0.0	0.0
6	201	62	5	0.0	0.0	0.0
6	201	62	17	0.0	0.0	0.0
6	201	62	31	0.0	0.0	0.0
6	201	62	35	0.0	0.0	0.0
6	201	52	4	0.0	0.0	0.0
6	201	52	7	5.556	0.0	-5.556
6	201	52	17	0.0	0.0	0.0
6	201	52	24	0.0	0.0	0.0
6	201	52	26	0.0	0.0	0.0
6	201	52	30	0.0	0.0	0.0
6	201	52	36	0.0	0.0	0.0
6	211	82	17	0.0	0.0	0.0
6	211	82	21	1.111	0.0	-1.111
6	211	82	26	0.0	0.0	0.0
6	211	82	30	0.0	0.0	0.0
6	211	82	34	0.0	0.0	0.0
6	211	72	7	0.0	0.0	0.0
6	211	72	31	0.0	0.0	0.0
6	211	72	35	0.0	0.0	0.0
6	211	62	6	0.0	0.0	0.0
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	0.0	0.0	0.0
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	0.0	0.0
6	211	62	35	0.0	0.0	0.0
6	211	52	8	1.111	0.0	-1.111
6	211	52	19	0.0	0.0	0.0
6	211	52	26	1.111	0.0	-1.111
6	211	52	36	2.222	0.0	-2.222
6	221	82	8	0.0	0.0	0.0
6	221	82	21	0.0	0.0	0.0
6	221	72	3	0.0	0.0	0.0
6	221	72	5	0.0	0.0	0.0
6	221	72	14	0.0	0.0	0.0
6	221	72	24	0.0	0.0	0.0

TABLE 80. CONTINUED

MASON COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	0.0	0.0	0.0
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	0.0	0.0
6	231	72	19	0.0	0.0	0.0
6	231	72	22	0.0	0.0	0.0
6	231	72	25	0.0	0.0	0.0
6	231	62	23	0.0	0.0	0.0

TABLE 81. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	0.0	4.444	4.444
6	201	92	9	0.0	16.666	16.666
6	201	92	18	2.222	47.777	45.555
6	201	92	23	425.551	0.0	-425.551
6	201	82	22	0.0	0.0	0.0
6	201	82	25	12.222	23.333	11.111
6	201	82	30	0.0	5.556	5.556
6	201	82	32	0.0	0.0	0.0
6	201	72	7	0.0	22.222	22.222
6	201	72	10	8.889	0.0	-8.889
6	201	72	19	20.000	2.222	-17.778
6	201	72	24	2.222	0.0	-2.222
6	201	72	34	68.888	20.000	-48.888
6	201	62	1	3.333	0.0	-3.333
6	201	62	5	0.0	74.444	74.444
6	201	62	17	0.0	3.333	3.333
6	201	62	31	118.888	113.332	-5.555
6	201	62	35	15.555	4.444	-11.111
6	201	52	4	0.0	0.0	0.0
6	201	52	7	0.0	1.111	1.111
6	201	52	17	0.0	0.0	0.0
6	201	52	24	5.556	4.444	-1.111
6	201	52	26	0.0	0.0	0.0
6	201	52	30	0.0	0.0	0.0
6	201	52	36	22.222	0.0	-22.222
6	211	82	17	0.0	2.222	2.222
6	211	82	21	0.0	0.0	0.0
6	211	82	26	42.222	43.333	1.111
6	211	82	30	0.0	14.444	14.444
6	211	82	34	87.777	10.000	-77.777
6	211	72	7	7.778	4.444	-3.333
6	211	72	31	0.0	0.0	0.0
6	211	72	35	1.111	27.777	26.666
6	211	62	6	0.0	2.222	2.222
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	0.0	18.889	18.889
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	6.667	6.667
6	211	62	35	0.0	0.0	0.0
6	211	52	8	4.444	21.111	16.666
6	211	52	19	16.666	10.000	-6.666
6	211	52	26	0.0	5.556	5.556
6	211	52	36	0.0	8.889	8.889
6	221	82	8	0.0	2.222	2.222
6	221	82	21	0.0	0.0	0.0
6	221	72	3	30.000	55.555	25.555
6	221	72	5	6.667	85.555	78.888
6	221	72	14	26.666	11.111	-15.555
6	221	72	24	0.0	5.556	5.556

TABLE 81. CONTINUED

MASON COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	0.0	3.333	3.333
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	1.111	1.111
6	221	62	25	4.444	4.444	0.0
6	231	72	19	0.0	0.0	0.0
6	231	72	22	138.887	68.888	-69.999
6	231	72	25	0.0	3.333	3.333
6	231	62	23	0.0	0.0	0.0

TABLE 82. SAMPLE SECTIONS AND LAND USE DATA

MASCEN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	22.222	12.222	-10.000
6	201	92	9	3.333	8.889	5.556
6	201	92	18	0.0	0.0	0.0
6	201	92	23	3.333	1.111	-2.222
6	201	82	22	4.444	6.667	2.222
6	201	82	25	28.889	22.222	-6.667
6	201	82	30	6.667	17.778	11.111
6	201	82	32	6.667	12.222	5.556
6	201	72	7	17.778	25.555	7.778
6	201	72	10	5.556	3.333	-2.222
6	201	72	19	15.555	11.111	-4.444
6	201	72	24	7.778	8.889	1.111
6	201	72	34	22.222	6.667	-15.555
6	201	62	1	16.666	14.444	-2.222
6	201	62	5	20.000	16.666	-3.333
6	201	62	17	16.666	1.111	-15.555
6	201	62	31	14.444	15.555	1.111
6	201	62	35	5.556	15.555	10.000
6	201	52	4	10.000	4.444	-5.556
6	201	52	7	8.889	4.444	-4.444
6	201	52	17	6.667	0.0	-6.667
6	201	52	24	13.333	13.333	0.0
6	201	52	26	7.778	16.666	8.889
6	201	52	30	8.889	13.333	4.444
6	201	52	36	0.0	1.111	1.111
6	211	82	17	8.889	5.556	-3.333
6	211	82	21	7.778	14.444	6.667
6	211	82	26	10.000	1.111	-8.889
6	211	82	30	21.111	23.333	2.222
6	211	82	34	6.667	8.889	2.222
6	211	72	7	11.111	15.555	4.444
6	211	72	31	10.000	10.000	0.0
6	211	72	35	12.222	4.444	-7.778
6	211	62	6	8.889	1.111	-7.778
6	211	62	11	5.556	13.333	7.778
6	211	62	16	7.778	7.778	0.0
6	211	62	18	5.556	6.667	1.111
6	211	62	23	7.778	7.778	0.0
6	211	62	30	15.555	7.778	-7.778
6	211	62	35	13.333	4.444	-8.889
6	211	52	8	20.000	21.111	1.111
6	211	52	19	16.666	7.778	-8.889
6	211	52	26	1.111	3.333	2.222
6	211	52	36	6.667	7.778	1.111
6	221	82	8	0.0	0.0	0.0
6	221	82	21	10.000	10.000	0.0
6	221	72	3	3.333	4.444	1.111
6	221	72	5	11.111	11.111	0.0
6	221	72	14	4.444	10.000	5.556
6	221	72	24	26.666	7.778	-18.889

TABLE 82. CONTINUED

MASON COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	14.444	21.111	6.667
6	221	62	2	14.444	4.444	-10.000
6	221	62	5	12.222	6.667	-5.556
6	221	62	15	6.667	2.222	-4.444
6	221	62	25	4.444	2.222	-2.222
6	231	72	19	0.0	0.0	0.0
6	231	72	22	3.333	0.0	-3.333
6	231	72	25	14.444	7.778	-6.667
6	231	62	23	6.667	5.556	-1.111

TABLE 83. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	85.555	91.110	5.555
6	201	92	9	7.778	1.111	-6.667
6	201	92	18	186.665	137.776	1.111
6	201	92	23	0.0	0.0	0.0
6	201	82	22	0.0	0.0	0.0
6	201	82	25	0.0	0.0	0.0
6	201	82	30	0.0	0.0	0.0
6	201	82	32	0.0	0.0	0.0
6	201	72	7	0.0	0.0	0.0
6	201	72	10	0.0	0.0	0.0
6	201	72	19	0.0	0.0	0.0
6	201	72	24	0.0	0.0	0.0
6	201	72	34	3.333	0.0	-3.333
6	201	62	1	0.0	0.0	0.0
6	201	62	5	0.0	0.0	0.0
6	201	62	17	0.0	0.0	0.0
6	201	62	31	0.0	0.0	0.0
6	201	62	35	1.111	2.222	1.111
6	201	52	4	0.0	0.0	0.0
6	201	52	7	0.0	0.0	0.0
6	201	52	17	0.0	0.0	0.0
6	201	52	24	0.0	0.0	0.0
6	201	52	26	0.0	0.0	0.0
6	201	52	30	0.0	0.0	0.0
6	201	52	36	2.222	0.0	-2.222
6	211	82	17	0.0	0.0	0.0
6	211	82	21	0.0	0.0	0.0
6	211	82	26	0.0	0.0	0.0
6	211	82	30	0.0	0.0	0.0
6	211	82	34	0.0	0.0	0.0
6	211	72	7	0.0	0.0	0.0
6	211	72	31	0.0	0.0	0.0
6	211	72	35	0.0	0.0	0.0
6	211	62	6	0.0	0.0	0.0
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	0.0	0.0	0.0
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	0.0	0.0
6	211	62	35	0.0	0.0	0.0
6	211	52	8	0.0	0.0	0.0
6	211	52	19	0.0	0.0	0.0
6	211	52	26	0.0	0.0	0.0
6	211	52	36	0.0	0.0	0.0
6	221	82	8	103.332	116.665	13.333
6	221	82	21	0.0	0.0	0.0
6	221	72	3	0.0	0.0	0.0
6	221	72	5	0.0	0.0	0.0
6	221	72	14	0.0	0.0	0.0
6	221	72	24	0.0	0.0	0.0

TABLE 83. CONTINUED

MASON COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	0.0	0.0	0.0
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	0.0	0.0
6	231	72	19	121.110	282.219	161.109
6	231	72	22	0.0	0.0	0.0
6	231	72	25	0.0	0.0	0.0
6	231	62	23	0.0	0.0	0.0

TABLE 84. SAMPLE SECTIONS AND LAND USE DATA

MASCAN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	5.556	7.778	2.222
6	201	92	9	4.444	1.111	-3.333
6	201	92	18	2.222	2.222	0.0
6	201	92	23	2.222	1.111	-1.111
6	201	82	22	1.111	2.222	1.111
6	201	82	25	0.0	1.111	1.111
6	201	82	30	3.333	2.222	-1.111
6	201	82	32	4.444	7.778	3.333
6	201	72	7	1.111	1.111	0.0
6	201	72	10	5.556	2.222	-3.333
6	201	72	19	1.111	5.556	4.444
6	201	72	24	2.222	1.111	-1.111
6	201	72	34	0.0	0.0	0.0
6	201	62	1	1.111	4.444	3.333
6	201	62	5	8.889	6.667	-2.222
6	201	62	17	3.333	2.222	-1.111
6	201	62	31	4.444	3.333	-1.111
6	201	62	35	1.111	5.556	4.444
6	201	52	4	2.222	4.444	2.222
6	201	52	7	6.667	3.333	-3.333
6	201	52	17	7.778	6.667	-1.111
6	201	52	24	4.444	3.333	-1.111
6	201	52	26	3.333	1.111	-2.222
6	201	52	30	7.778	5.556	-2.222
6	201	52	36	7.778	8.889	1.111
6	211	82	17	7.778	7.778	0.0
6	211	82	21	1.111	2.222	1.111
6	211	82	26	3.333	0.0	-3.333
6	211	82	30	8.889	6.667	-2.222
6	211	82	34	5.556	7.778	2.222
6	211	72	7	4.444	1.111	-3.333
6	211	72	31	5.556	3.333	-2.222
6	211	72	35	6.667	3.333	-3.333
6	211	62	6	4.444	5.556	1.111
6	211	62	11	1.111	0.0	-1.111
6	211	62	16	7.778	5.556	-2.222
6	211	62	18	3.333	3.333	0.0
6	211	62	23	3.333	5.556	2.222
6	211	62	30	4.444	4.444	0.0
6	211	62	35	5.556	7.778	2.222
6	211	52	8	5.556	6.667	1.111
6	211	52	19	3.333	4.444	1.111
6	211	52	26	7.778	4.444	-3.333
6	211	52	36	4.444	2.222	-2.222
6	221	82	8	0.0	0.0	0.0
6	221	82	21	5.556	5.556	0.0
6	221	72	3	1.111	1.111	0.0
6	221	72	5	0.0	0.0	0.0
6	221	72	14	1.111	2.222	1.111
6	221	72	24	5.556	7.778	2.222

TABLE 84. CONTINUED

MASON COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	2.222	5.556	3.333
6	221	62	2	4.444	4.444	0.0
6	221	62	5	2.222	2.222	0.0
6	221	62	15	5.556	4.444	-1.111
6	221	62	25	8.889	5.556	-3.333
6	231	72	19	0.0	0.0	0.0
6	231	72	22	2.222	0.0	-2.222
6	231	72	25	2.222	1.111	-1.111
6	231	62	23	6.667	3.333	-3.333

TABLE 85. SAMPLE SECTIONS AND LAND USE DATA

MASCAN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	5.556	3.333	-2.222
6	201	92	9	2.222	3.333	1.111
6	201	92	18	4.444	4.444	0.0
6	201	92	23	1.111	1.111	0.0
6	201	82	22	2.222	4.444	2.222
6	201	82	25	3.333	5.556	2.222
6	201	82	30	4.444	3.333	-1.111
6	201	82	32	7.778	12.222	4.444
6	201	72	7	3.333	5.556	2.222
6	201	72	10	4.444	1.111	-3.333
6	201	72	19	10.000	0.0	-10.000
6	201	72	24	8.889	6.667	-2.222
6	201	72	34	2.222	0.0	-2.222
6	201	62	1	7.778	11.111	3.333
6	201	62	5	6.667	8.889	2.222
6	201	62	17	8.889	10.000	1.111
6	201	62	31	3.333	5.556	2.222
6	201	62	35	6.667	6.667	0.0
6	201	52	4	5.556	6.667	1.111
6	201	52	7	13.333	11.111	-2.222
6	201	52	17	6.667	7.778	1.111
6	201	52	24	4.444	7.778	3.333
6	201	52	26	5.556	4.444	-1.111
6	201	52	30	12.222	2.222	-10.000
6	201	52	36	4.444	5.556	1.111
6	211	82	17	10.000	12.222	2.222
6	211	82	21	3.333	2.222	-1.111
6	211	82	26	1.111	2.222	1.111
6	211	82	30	11.111	6.667	-4.444
6	211	82	34	4.444	7.778	3.333
6	211	72	7	3.333	2.222	-1.111
6	211	72	31	11.111	7.778	-3.333
6	211	72	35	5.556	12.222	6.667
6	211	62	6	7.778	12.222	4.444
6	211	62	11	4.444	6.667	2.222
6	211	62	16	1.111	13.333	12.222
6	211	62	18	5.556	4.444	-1.111
6	211	62	23	7.778	13.333	5.556
6	211	62	30	4.444	2.222	-2.222
6	211	62	35	2.222	1.111	-1.111
6	211	52	8	13.333	10.000	-3.333
6	211	52	19	6.667	10.000	3.333
6	211	52	26	7.778	4.444	-3.333
6	211	52	36	5.556	1.111	-4.444
6	221	82	8	0.0	1.111	1.111
6	221	82	21	7.778	2.222	-5.556
6	221	72	3	0.0	7.778	7.778
6	221	72	5	6.667	12.222	5.556
6	221	72	14	5.556	4.444	-1.111
6	221	72	24	4.444	5.556	1.111

TABLE 85. CONTINUED

MASON COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	4.444	3.333	-1.111
6	221	62	2	4.444	2.222	-2.222
6	221	62	5	4.444	5.556	1.111
6	221	62	15	5.556	8.889	3.333
6	221	62	25	11.111	5.556	-5.556
6	231	72	19	0.0	0.0	0.0
6	231	72	22	4.444	1.111	-3.333
6	231	72	25	5.556	3.333	-2.222
6	231	62	23	3.333	4.444	1.111

TABLE 86. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	0.0	0.0	0.0
6	201	92	9	4.444	0.0	-4.444
6	201	92	18	1.111	1.111	0.0
6	201	92	23	0.0	0.0	0.0
6	201	82	22	0.0	0.0	0.0
6	201	82	25	0.0	0.0	0.0
6	201	82	30	0.0	0.0	0.0
6	201	82	32	0.0	0.0	0.0
6	201	72	7	0.0	0.0	0.0
6	201	72	10	0.0	0.0	0.0
6	201	72	19	0.0	0.0	0.0
6	201	72	24	0.0	0.0	0.0
6	201	72	34	0.0	0.0	0.0
6	201	62	1	2.222	2.222	0.0
6	201	62	5	0.0	0.0	0.0
6	201	62	17	0.0	0.0	0.0
6	201	62	31	0.0	0.0	0.0
6	201	62	35	0.0	0.0	0.0
6	201	52	4	0.0	0.0	0.0
6	201	52	7	3.333	6.667	3.333
6	201	52	17	0.0	0.0	0.0
6	201	52	24	0.0	0.0	0.0
6	201	52	26	2.222	2.222	0.0
6	201	52	30	6.667	6.667	0.0
6	201	52	36	0.0	0.0	0.0
6	211	82	17	2.222	2.222	0.0
6	211	82	21	0.0	0.0	0.0
6	211	82	26	0.0	0.0	0.0
6	211	82	30	3.333	2.222	-1.111
6	211	82	34	0.0	0.0	0.0
6	211	72	7	0.0	0.0	0.0
6	211	72	31	0.0	0.0	0.0
6	211	72	35	0.0	0.0	0.0
6	211	62	6	0.0	0.0	0.0
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	0.0	0.0	0.0
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	0.0	0.0
6	211	62	35	0.0	0.0	0.0
6	211	52	8	0.0	0.0	0.0
6	211	52	19	0.0	0.0	0.0
6	211	52	26	0.0	0.0	0.0
6	211	52	36	0.0	0.0	0.0
6	221	82	8	0.0	3.333	3.333
6	221	82	21	0.0	0.0	0.0
6	221	72	3	0.0	0.0	0.0
6	221	72	5	0.0	0.0	0.0
6	221	72	14	5.556	7.778	2.222
6	221	72	24	0.0	0.0	0.0

TABLE 86. CONTINUED

MASON COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	0.0	0.0	0.0
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	0.0	0.0
6	231	72	19	0.0	0.0	0.0
6	231	72	22	0.0	0.0	0.0
6	231	72	25	0.0	0.0	0.0
6	231	62	23	0.0	0.0	0.0

TABLE 87. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	83.333	78.888	-4.444
6	201	92	9	0.0	0.0	0.0
6	201	92	18	215.553	237.776	22.222
6	201	92	23	0.0	0.0	0.0
6	201	82	22	0.0	0.0	0.0
6	201	82	25	0.0	7.778	7.778
6	201	82	30	0.0	0.0	0.0
6	201	82	32	0.0	0.0	0.0
6	201	72	7	12.222	0.0	-12.222
6	201	72	10	0.0	0.0	0.0
6	201	72	19	1.111	2.222	1.111
6	201	72	24	1.111	1.111	0.0
6	201	72	34	14.444	28.889	14.444
6	201	62	1	0.0	2.222	2.222
6	201	62	5	1.111	0.0	-1.111
6	201	62	17	7.778	0.0	-7.778
6	201	62	31	0.0	10.000	10.000
6	201	62	35	1.111	2.222	1.111
6	201	52	4	0.0	0.0	0.0
6	201	52	7	0.0	0.0	0.0
6	201	52	17	0.0	0.0	0.0
6	201	52	24	2.222	0.0	-2.222
6	201	52	26	16.666	18.889	2.222
6	201	52	30	2.222	1.111	-1.111
6	201	52	36	3.333	7.778	4.444
6	211	82	17	0.0	0.0	0.0
6	211	82	21	0.0	0.0	0.0
6	211	82	26	0.0	0.0	0.0
6	211	82	30	3.333	11.111	7.778
6	211	82	34	0.0	0.0	0.0
6	211	72	7	0.0	0.0	0.0
6	211	72	31	0.0	0.0	0.0
6	211	72	35	0.0	0.0	0.0
6	211	62	6	1.111	1.111	0.0
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	2.222	2.222	0.0
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	0.0	0.0
6	211	62	35	0.0	2.222	2.222
6	211	52	8	0.0	0.0	0.0
6	211	52	19	1.111	0.0	-1.111
6	211	52	26	1.111	3.333	2.222
6	211	52	36	0.0	0.0	0.0
6	221	82	8	336.663	362.219	25.555
6	221	82	21	0.0	1.111	1.111
6	221	72	3	0.0	0.0	0.0
6	221	72	5	1.111	0.0	-1.111
6	221	72	14	11.111	6.667	-4.444
6	221	72	24	0.0	0.0	0.0

TABLE 37. CONTINUED

MASON COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	4.444	5.556	1.111
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	0.0	0.0
6	231	72	19	429.596	275.553	-154.443
6	231	72	22	0.0	0.0	0.0
6	231	72	25	0.0	0.0	0.0
6	231	62	23	0.0	0.0	0.0

TABLE 38. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	1.111	0.0	-1.111
6	201	92	9	8.889	1.111	-7.778
6	201	92	18	7.778	6.667	-1.111
6	201	92	23	2.222	1.111	-1.111
6	201	82	22	2.222	1.111	-1.111
6	201	82	25	6.667	2.222	-4.444
6	201	82	30	6.667	3.333	-3.333
6	201	82	32	3.333	4.444	1.111
6	201	72	7	0.0	10.000	10.000
6	201	72	10	3.333	2.222	-1.111
6	201	72	19	6.667	8.889	2.222
6	201	72	24	2.222	12.222	10.000
6	201	72	34	2.222	2.222	0.0
6	201	62	1	8.889	8.889	0.0
6	201	62	5	2.222	4.444	2.222
6	201	62	17	0.0	12.222	12.222
6	201	62	31	7.778	5.556	-2.222
6	201	62	35	5.556	5.556	0.0
6	201	52	4	7.778	8.889	1.111
6	201	52	7	13.333	11.111	-2.222
6	201	52	17	8.889	6.667	-2.222
6	201	52	24	4.444	4.444	0.0
6	201	52	26	5.556	3.333	-2.222
6	201	52	30	23.333	21.111	-2.222
6	201	52	36	4.444	11.111	6.667
6	211	82	17	13.333	17.778	4.444
6	211	82	21	11.111	5.556	-5.556
6	211	82	26	0.0	1.111	1.111
6	211	82	30	6.667	0.0	-6.667
6	211	82	34	4.444	5.556	1.111
6	211	72	7	3.333	0.0	-3.333
6	211	72	31	8.889	4.444	-4.444
6	211	72	35	6.667	7.778	1.111
6	211	62	6	11.111	7.778	-3.333
6	211	62	11	17.778	2.222	-15.556
6	211	62	16	8.889	3.333	-5.556
6	211	62	18	7.778	8.889	1.111
6	211	62	23	10.000	13.333	3.333
6	211	62	30	5.556	2.222	-3.333
6	211	62	35	7.778	6.667	-1.111
6	211	52	8	8.889	11.111	2.222
6	211	52	19	4.444	7.778	3.333
6	211	52	26	7.778	5.556	-2.222
6	211	52	36	3.333	4.444	1.111
6	221	82	8	0.0	1.111	1.111
6	221	82	21	4.444	3.333	-1.111
6	221	72	3	1.111	1.111	0.0
6	221	72	5	1.111	6.667	5.556
6	221	72	14	12.222	22.222	10.000
6	221	72	24	3.333	8.889	5.556

TABLE 88. CONTINUED

MASON COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	1.111	6.667	5.556
6	221	62	2	2.222	2.222	0.0
6	221	62	5	3.333	4.444	1.111
6	221	62	15	6.667	4.444	-2.222
6	221	62	25	3.333	5.556	2.222
6	231	72	19	0.0	0.0	0.0
6	231	72	22	1.111	4.444	3.333
6	231	72	25	1.111	7.778	6.667
6	231	62	23	8.889	7.778	-1.111

TABLE 89. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	0.0	3.333	3.333
6	201	92	9	0.0	0.0	0.0
6	201	92	18	0.0	0.0	0.0
6	201	92	23	0.0	0.0	0.0
6	201	82	22	0.0	0.0	0.0
6	201	82	25	0.0	0.0	0.0
6	201	82	30	0.0	0.0	0.0
6	201	82	32	0.0	0.0	0.0
6	201	72	7	0.0	0.0	0.0
6	201	72	10	0.0	0.0	0.0
6	201	72	19	0.0	0.0	0.0
6	201	72	24	0.0	0.0	0.0
6	201	72	34	0.0	0.0	0.0
6	201	62	1	0.0	0.0	0.0
6	201	62	5	0.0	0.0	0.0
6	201	62	17	0.0	0.0	0.0
6	201	62	31	0.0	0.0	0.0
6	201	62	35	0.0	0.0	0.0
6	201	52	4	0.0	0.0	0.0
6	201	52	7	188.887	298.886	109.999
6	201	52	17	0.0	0.0	0.0
6	201	52	24	0.0	0.0	0.0
6	201	52	26	0.0	0.0	0.0
6	201	52	30	0.0	0.0	0.0
6	201	52	36	0.0	0.0	0.0
6	211	82	17	0.0	0.0	0.0
6	211	82	21	0.0	0.0	0.0
6	211	82	26	0.0	0.0	0.0
6	211	82	30	0.0	0.0	0.0
6	211	82	34	0.0	0.0	0.0
6	211	72	7	0.0	0.0	0.0
6	211	72	31	0.0	0.0	0.0
6	211	72	35	0.0	0.0	0.0
6	211	62	6	0.0	0.0	0.0
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	0.0	0.0	0.0
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	0.0	0.0
6	211	62	35	0.0	0.0	0.0
6	211	52	8	0.0	0.0	0.0
6	211	52	19	0.0	0.0	0.0
6	211	52	26	0.0	0.0	0.0
6	211	52	36	0.0	0.0	0.0
6	221	82	8	0.0	0.0	0.0
6	221	82	21	0.0	0.0	0.0
6	221	72	3	0.0	0.0	0.0
6	221	72	5	0.0	0.0	0.0
6	221	72	14	0.0	0.0	0.0
6	221	72	24	0.0	0.0	0.0

TABLE 89. CONTINUED

MASON COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	0.0	0.0	0.0
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	0.0	0.0
6	231	72	19	0.0	0.0	0.0
6	231	72	22	0.0	0.0	0.0
6	231	72	25	0.0	0.0	0.0
6	231	62	23	0.0	0.0	0.0

TABLE 90. SAMPLE SECTIONS AND LAND USE DATA

MASON COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	191	102	3	0.0	0.0	0.0
6	201	92	9	0.0	0.0	0.0
6	201	92	18	4.444	4.444	0.0
6	201	92	23	0.0	0.0	0.0
6	201	82	22	0.0	0.0	0.0
6	201	82	25	0.0	0.0	0.0
6	201	82	30	0.0	0.0	0.0
6	201	82	32	0.0	0.0	0.0
6	201	72	7	0.0	0.0	0.0
6	201	72	10	0.0	0.0	0.0
6	201	72	19	0.0	0.0	0.0
6	201	72	24	0.0	0.0	0.0
6	201	72	34	0.0	0.0	0.0
6	201	62	1	0.0	0.0	0.0
6	201	62	5	0.0	0.0	0.0
6	201	62	17	0.0	0.0	0.0
6	201	62	31	0.0	0.0	0.0
6	201	62	35	0.0	0.0	0.0
6	201	52	4	0.0	0.0	0.0
6	201	52	7	0.0	0.0	0.0
6	201	52	17	0.0	0.0	0.0
6	201	52	24	0.0	0.0	0.0
6	201	52	26	0.0	0.0	0.0
6	201	52	30	0.0	0.0	0.0
6	201	52	36	0.0	0.0	0.0
6	211	82	17	0.0	0.0	0.0
6	211	82	21	0.0	0.0	0.0
6	211	82	26	0.0	0.0	0.0
6	211	82	30	0.0	0.0	0.0
6	211	82	34	0.0	0.0	0.0
6	211	72	7	0.0	0.0	0.0
6	211	72	31	0.0	0.0	0.0
6	211	72	35	12.222	17.778	5.556
6	211	62	6	0.0	0.0	0.0
6	211	62	11	0.0	0.0	0.0
6	211	62	16	0.0	0.0	0.0
6	211	62	18	0.0	0.0	0.0
6	211	62	23	0.0	0.0	0.0
6	211	62	30	0.0	0.0	0.0
6	211	62	35	0.0	0.0	0.0
6	211	52	8	2.222	2.222	0.0
6	211	52	19	0.0	1.111	1.111
6	211	52	26	0.0	0.0	0.0
6	211	52	36	0.0	0.0	0.0
6	221	82	8	158.887	122.221	-36.666
6	221	82	21	0.0	0.0	0.0
6	221	72	3	0.0	0.0	0.0
6	221	72	5	0.0	0.0	0.0
6	221	72	14	0.0	0.0	0.0
6	221	72	24	0.0	0.0	0.0

TABLE 90. CONTINUED

MASON COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
6	221	72	27	0.0	0.0	0.0
6	221	62	2	0.0	0.0	0.0
6	221	62	5	0.0	0.0	0.0
6	221	62	15	0.0	0.0	0.0
6	221	62	25	0.0	0.0	0.0
6	231	72	19	88.888	82.221	-6.667
6	231	72	22	0.0	0.0	0.0
6	231	72	25	0.0	0.0	0.0
6	231	62	23	0.0	0.0	0.0

TABLE 91. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	12.000	17.000	5.000
7	131	82	4	15.000	15.000	0.0
7	131	82	12	15.000	14.000	-1.000
7	131	82	15	20.000	34.000	14.000
7	131	82	18	17.000	18.000	1.000
7	131	82	28	14.000	9.000	-5.000
7	131	82	32	19.000	13.000	-6.000
7	131	92	6	12.000	11.000	-1.000
7	131	92	10	16.000	10.000	-6.000
7	131	92	28	24.000	21.000	-3.000
7	131	92	31	18.000	12.000	-6.000
7	131	92	36	30.000	26.000	-4.000
7	131	102	6	18.000	15.000	-3.000
7	131	102	16	15.000	17.000	2.000
7	131	102	27	17.000	13.000	-4.000
7	131	102	31	24.000	27.000	3.000
7	131	112	14	20.000	28.000	8.000
7	141	82	7	21.000	13.000	-8.000
7	141	82	21	18.000	12.000	-6.000
7	141	92	2	14.000	11.000	-3.000
7	141	92	13	14.000	11.000	-3.000
7	141	92	15	11.000	13.000	2.000
7	141	92	26	25.000	26.000	1.000
7	141	92	29	12.000	6.000	-6.000
7	141	102	4	15.000	11.000	-4.000
7	141	102	13	12.000	19.000	7.000
7	141	102	15	12.000	12.000	0.0
7	141	102	35	16.000	13.000	-3.000
7	141	112	2	23.000	19.000	-4.000
7	141	112	4	20.000	14.000	-6.000
7	141	112	13	19.000	19.000	0.0
7	141	112	35	31.000	20.000	-11.000
7	151	92	3	8.000	11.000	3.000
7	151	92	9	13.000	14.000	1.000
7	151	92	15	11.000	10.000	-1.000
7	151	92	18	20.000	13.000	-7.000
7	151	92	23	14.000	12.000	-2.000
7	151	92	28	21.000	13.000	-8.000
7	151	92	30	12.000	13.000	1.000
7	151	102	2	20.000	18.000	-2.000
7	151	102	21	5.000	2.000	-3.000
7	151	102	32	15.000	19.000	4.000
7	151	102	34	13.000	15.000	2.000
7	151	112	7	23.000	19.000	-4.000
7	151	112	11	16.000	19.000	3.000
7	151	112	19	25.000	21.000	-4.000
7	151	112	33	17.000	17.000	0.0
7	151	122	6	23.000	23.000	0.0
7	161	82	8	10.000	10.000	0.0
7	161	82	30	19.000	19.000	0.0

TABLE 91. CONTINUED

MORGAN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	16.000	16.000	0.0
7	161	92	24	22.000	17.000	-5.000
7	161	102	10	14.000	13.000	-1.000
7	161	102	30	20.000	21.000	1.000
7	161	102	34	20.000	20.000	0.0
7	161	112	7	16.000	19.000	3.000
7	161	112	9	22.000	16.000	-6.000
7	161	112	17	15.000	15.000	0.0
7	161	112	29	17.000	21.000	4.000
7	161	122	14	14.000	9.000	-5.000
7	161	122	33	23.000	17.000	-6.000
7	161	122	35	15.000	18.000	3.000
7	161	132	1	23.000	19.000	-4.000
7	161	132	3	11.000	19.000	8.000
7	161	132	32	20.000	16.000	-4.000
7	161	132	36	27.000	14.000	-13.000

TABLE 92. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	521.106	531.106	10.000
7	131	82	4	346.663	404.440	57.777
7	131	82	12	525.550	553.328	27.778
7	131	82	15	289.997	348.885	58.888
7	131	82	18	444.440	444.440	0.0
7	131	82	28	323.330	331.108	7.778
7	131	82	32	297.775	295.552	-2.222
7	131	92	6	99.999	193.331	93.332
7	131	92	10	486.662	491.106	4.444
7	131	92	28	528.884	509.995	-18.889
7	131	92	31	319.997	358.885	38.888
7	131	92	36	261.108	361.107	99.999
7	131	102	6	581.105	565.550	-15.555
7	131	102	16	349.996	456.662	106.666
7	131	102	27	302.219	287.775	-14.444
7	131	102	31	444.440	475.551	31.111
7	131	112	14	274.442	365.552	91.110
7	141	82	7	572.216	607.772	35.556
7	141	82	21	599.994	613.327	13.333
7	141	92	2	584.438	619.994	35.555
7	141	92	13	578.883	616.660	37.777
7	141	92	15	559.994	586.661	26.667
7	141	92	26	448.884	504.439	55.555
7	141	92	29	605.550	615.549	10.000
7	141	102	4	582.216	596.661	14.444
7	141	102	13	432.218	485.551	53.333
7	141	102	15	552.217	611.105	58.888
7	141	102	35	604.438	604.438	0.0
7	141	112	2	408.885	453.329	44.444
7	141	112	4	592.216	586.661	-5.555
7	141	112	13	522.217	529.995	7.778
7	141	112	35	356.663	362.219	5.555
7	151	92	3	624.438	611.105	-13.333
7	151	92	9	341.108	315.552	-25.555
7	151	92	15	611.105	627.771	16.667
7	151	92	18	525.550	578.883	53.333
7	151	92	23	484.439	541.106	56.666
7	151	92	28	414.440	453.329	38.889
7	151	92	30	608.883	604.438	-4.444
7	151	102	2	541.106	546.661	5.555
7	151	102	21	52.222	34.444	-17.778
7	151	102	32	576.661	584.438	7.778
7	151	102	34	525.550	542.217	16.667
7	151	112	7	392.218	396.663	4.444
7	151	112	11	338.885	349.996	11.111
7	151	112	19	427.773	426.662	-1.111
7	151	112	33	527.772	522.217	-5.555
7	151	122	6	421.107	458.884	37.777
7	161	82	8	584.438	616.660	32.222
7	161	82	30	546.661	572.217	25.555

TABLE 92. CONTINUED

MORGAN COUNTY				FIELD CROP		
CCOUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	609.994	622.216	12.222
7	161	92	24	338.885	347.774	8.889
7	161	102	10	517.772	568.883	51.111
7	161	102	30	371.107	346.663	-24.444
7	161	102	34	414.440	485.551	71.111
7	161	112	7	378.885	396.663	17.778
7	161	112	9	327.774	293.330	-34.444
7	161	112	17	601.105	589.994	-11.111
7	161	112	29	517.772	514.439	-3.333
7	161	122	14	558.883	587.772	28.889
7	161	122	33	484.439	468.884	-15.555
7	161	122	35	488.884	515.550	26.666
7	161	132	1	593.327	603.327	10.000
7	161	132	3	0.0	365.552	365.552
7	161	132	32	114.443	84.444	-30.000
7	161	132	36	289.997	317.774	27.777

TABLE 93. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	34.444	13.333	-21.111
7	131	82	4	254.442	185.554	-68.888
7	131	82	12	41.111	21.111	-20.000
7	131	82	15	281.108	138.887	-142.221
7	131	82	18	96.666	93.332	-3.333
7	131	82	28	288.886	258.886	-30.000
7	131	82	32	307.775	177.776	-129.999
7	131	92	6	484.439	376.663	-107.777
7	131	92	10	126.665	114.443	-12.222
7	131	92	28	83.333	77.777	-5.556
7	131	92	31	284.442	192.220	-92.221
7	131	92	36	299.997	10.000	-289.997
7	131	102	6	38.389	32.222	-6.667
7	131	102	16	219.998	67.777	-152.221
7	131	102	27	293.330	288.886	-4.444
7	131	102	31	163.332	53.333	-109.999
7	131	112	14	302.219	208.887	-93.332
7	141	82	7	40.000	12.222	-27.777
7	141	82	21	20.000	0.0	-20.000
7	141	92	2	28.889	6.667	-22.222
7	141	92	13	22.222	0.0	-22.222
7	141	92	15	55.555	28.889	-26.666
7	141	92	26	133.332	65.555	-67.777
7	141	92	29	2.222	0.0	-2.222
7	141	102	4	28.889	18.889	-10.000
7	141	102	13	157.776	65.555	-92.221
7	141	102	15	40.000	5.556	-34.444
7	141	102	35	3.333	3.333	0.0
7	141	112	2	186.665	117.777	-68.888
7	141	112	4	16.666	15.555	-1.111
7	141	112	13	81.110	73.333	-7.778
7	141	112	35	193.331	199.998	6.667
7	151	92	3	2.222	4.444	2.222
7	151	92	9	261.108	264.442	3.333
7	151	92	15	11.111	2.222	-8.889
7	151	92	18	69.999	33.333	-36.666
7	151	92	23	122.221	35.555	-86.666
7	151	92	28	177.776	159.996	-17.778
7	151	92	30	0.0	3.333	3.333
7	151	102	2	67.777	43.333	-24.444
7	151	102	21	38.889	22.222	-16.667
7	151	102	32	27.777	17.778	-10.000
7	151	102	34	45.555	22.222	-23.333
7	151	112	7	149.999	141.110	-8.889
7	151	112	11	152.221	156.665	4.444
7	151	112	19	134.443	107.777	-26.666
7	151	112	33	74.444	75.555	1.111
7	151	122	6	117.777	61.111	-56.666
7	161	82	8	27.777	6.667	-21.111
7	161	82	30	68.888	45.555	-23.333

TABLE 93. CONTINUED

MORGAN COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	20.000	4.444	-15.555
7	161	92	24	273.331	256.664	-16.667
7	161	102	10	78.888	3.333	-75.555
7	161	102	30	215.553	27.777	-187.776
7	161	102	34	168.887	26.666	-142.221
7	161	112	7	169.998	151.110	-18.889
7	161	112	9	246.664	285.553	38.889
7	161	112	17	16.666	16.666	0.0
7	161	112	29	61.111	40.000	-21.111
7	161	122	14	44.444	7.778	-36.666
7	161	122	33	117.777	96.666	-21.111
7	161	122	35	131.110	38.889	-92.221
7	161	132	1	16.666	0.0	-16.666
7	161	132	3	198.887	0.0	-198.887
7	161	132	32	0.0	0.0	0.0
7	161	132	36	227.775	174.443	-53.333

TABLE 94. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	0.0	0.0	0.0
7	131	82	4	0.0	0.0	0.0
7	131	82	12	0.0	1.111	1.111
7	131	82	15	0.0	26.666	26.666
7	131	82	18	79.999	81.110	1.111
7	131	82	28	0.0	21.111	21.111
7	131	82	32	10.000	13.333	3.333
7	131	92	6	13.333	52.222	38.888
7	131	92	10	0.0	0.0	0.0
7	131	92	28	4.444	17.778	13.333
7	131	92	31	0.0	56.666	56.666
7	131	92	36	21.111	96.666	75.555
7	131	102	6	0.0	0.0	0.0
7	131	102	16	26.666	13.333	-13.333
7	131	102	27	7.778	34.444	26.666
7	131	102	31	0.0	71.110	71.110
7	131	112	14	8.889	21.111	12.222
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	0.0	0.0	0.0
7	141	92	26	0.0	13.333	13.333
7	141	92	29	0.0	0.0	0.0
7	141	102	4	0.0	0.0	0.0
7	141	102	13	0.0	0.0	0.0
7	141	102	15	0.0	0.0	0.0
7	141	102	35	0.0	0.0	0.0
7	141	112	2	0.0	1.111	1.111
7	141	112	4	0.0	0.0	0.0
7	141	112	13	10.000	14.444	4.444
7	141	112	35	23.333	40.000	16.667
7	151	92	3	0.0	0.0	0.0
7	151	92	9	2.222	0.0	-2.222
7	151	92	15	0.0	0.0	0.0
7	151	92	18	0.0	0.0	0.0
7	151	92	23	0.0	0.0	0.0
7	151	92	28	14.444	0.0	-14.444
7	151	92	30	0.0	0.0	0.0
7	151	102	2	0.0	0.0	0.0
7	151	102	21	0.0	0.0	0.0
7	151	102	32	0.0	0.0	0.0
7	151	102	34	0.0	0.0	0.0
7	151	112	7	43.333	35.555	-7.778
7	151	112	11	46.666	22.222	-24.444
7	151	112	19	21.111	43.333	22.222
7	151	112	33	0.0	1.111	1.111
7	151	122	6	49.999	72.221	22.222
7	161	82	8	3.333	0.0	-3.333
7	161	82	30	1.111	0.0	-1.111

TABLE 94. CONTINUED

MORGAN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	4.444	0.0	-4.444
7	161	102	10	0.0	0.0	0.0
7	161	102	30	6.667	45.555	38.888
7	161	102	34	1.111	2.222	1.111
7	161	112	7	0.0	0.0	0.0
7	161	112	9	48.888	33.333	-15.555
7	161	112	17	0.0	0.0	0.0
7	161	112	29	0.0	12.222	12.222
7	161	122	14	0.0	14.444	14.444
7	161	122	33	4.444	0.0	-4.444
7	161	122	35	0.0	1.111	1.111
7	161	132	1	3.333	0.0	-3.333
7	161	132	3	3.333	13.333	10.000
7	161	132	32	0.0	0.0	0.0
7	161	132	36	36.666	5.556	-31.111

TABLE 95. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	0.0	0.0	0.0
7	131	82	4	7.778	0.0	-7.778
7	131	82	12	0.0	0.0	0.0
7	131	82	15	0.0	0.0	0.0
7	131	82	18	0.0	0.0	0.0
7	131	82	28	0.0	0.0	0.0
7	131	82	32	0.0	0.0	0.0
7	131	92	6	0.0	0.0	0.0
7	131	92	10	0.0	0.0	0.0
7	131	92	28	0.0	0.0	0.0
7	131	92	31	0.0	0.0	0.0
7	131	92	36	0.0	0.0	0.0
7	131	102	6	0.0	0.0	0.0
7	131	102	16	0.0	0.0	0.0
7	131	102	27	1.111	0.0	-1.111
7	131	102	31	0.0	0.0	0.0
7	131	112	14	0.0	0.0	0.0
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	0.0	0.0	0.0
7	141	92	26	0.0	0.0	0.0
7	141	92	29	0.0	0.0	0.0
7	141	102	4	0.0	0.0	0.0
7	141	102	13	0.0	0.0	0.0
7	141	102	15	0.0	0.0	0.0
7	141	102	35	1.111	0.0	-1.111
7	141	112	2	14.444	0.0	-14.444
7	141	112	4	0.0	0.0	0.0
7	141	112	13	0.0	0.0	0.0
7	141	112	35	0.0	0.0	0.0
7	151	92	3	0.0	0.0	0.0
7	151	92	9	0.0	0.0	0.0
7	151	92	15	1.111	0.0	-1.111
7	151	92	18	0.0	0.0	0.0
7	151	92	23	2.222	0.0	-2.222
7	151	92	28	0.0	0.0	0.0
7	151	92	30	0.0	0.0	0.0
7	151	102	2	0.0	0.0	0.0
7	151	102	21	0.0	0.0	0.0
7	151	102	32	0.0	0.0	0.0
7	151	102	34	0.0	0.0	0.0
7	151	112	7	0.0	0.0	0.0
7	151	112	11	21.111	0.0	-21.111
7	151	112	19	0.0	0.0	0.0
7	151	112	33	0.0	0.0	0.0
7	151	122	6	24.444	0.0	-24.444
7	161	82	8	0.0	0.0	0.0
7	161	82	30	0.0	0.0	0.0

TABLE 95. CONTINUED

MORGAN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	0.0	0.0	0.0
7	161	102	10	0.0	0.0	0.0
7	161	102	30	0.0	0.0	0.0
7	161	102	34	13.333	0.0	-13.333
7	161	112	7	0.0	0.0	0.0
7	161	112	9	0.0	0.0	0.0
7	161	112	17	0.0	0.0	0.0
7	161	112	29	0.0	0.0	0.0
7	161	122	14	0.0	0.0	0.0
7	161	122	33	8.889	0.0	-8.889
7	161	122	35	2.222	0.0	-2.222
7	161	132	1	0.0	0.0	0.0
7	161	132	3	0.0	0.0	0.0
7	161	132	32	0.0	0.0	0.0
7	161	132	36	0.0	0.0	0.0

TABLE 96. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	0.0	7.778	7.778
7	131	82	4	0.0	5.556	5.556
7	131	82	12	16.666	0.0	-16.666
7	131	82	15	28.889	43.333	14.444
7	131	82	18	0.0	0.0	0.0
7	131	82	28	0.0	0.0	0.0
7	131	82	32	0.0	132.221	132.221
7	131	92	6	33.333	3.333	-30.000
7	131	92	10	0.0	0.0	0.0
7	131	92	28	4.444	8.889	4.444
7	131	92	31	3.333	8.889	5.556
7	131	92	36	40.000	154.443	114.443
7	131	102	6	1.111	18.889	17.778
7	131	102	16	0.0	82.221	82.221
7	131	102	27	12.222	6.667	-5.556
7	131	102	31	3.333	5.556	2.222
7	131	112	14	14.444	6.667	-7.778
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	11.111	0.0	-11.111
7	141	92	15	2.222	0.0	-2.222
7	141	92	26	0.0	0.0	0.0
7	141	92	29	0.0	0.0	0.0
7	141	102	4	0.0	0.0	0.0
7	141	102	13	22.222	53.333	31.111
7	141	102	15	16.666	0.0	-16.666
7	141	102	35	0.0	0.0	0.0
7	141	112	2	3.333	48.888	45.555
7	141	112	4	0.0	0.0	0.0
7	141	112	13	0.0	0.0	0.0
7	141	112	35	21.111	0.0	-21.111
7	151	92	3	0.0	8.889	8.889
7	151	92	9	20.000	46.666	26.666
7	151	92	15	0.0	0.0	0.0
7	151	92	18	3.333	2.222	-1.111
7	151	92	23	2.222	33.333	31.111
7	151	92	28	1.111	0.0	-1.111
7	151	92	30	6.667	3.333	-3.333
7	151	102	2	0.0	0.0	0.0
7	151	102	21	5.556	14.444	8.889
7	151	102	32	1.111	3.333	2.222
7	151	102	34	0.0	11.111	11.111
7	151	112	7	3.333	21.111	17.778
7	151	112	11	45.555	35.555	-10.000
7	151	112	19	13.333	6.667	-6.667
7	151	112	33	2.222	0.0	-2.222
7	151	122	6	4.444	12.222	7.778
7	161	82	8	0.0	0.0	0.0
7	161	82	30	0.0	0.0	0.0

TABLE 96. CONTINUED

MORGAN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	0.0	13.333	13.333
7	161	102	10	12.222	32.222	20.000
7	161	102	30	25.555	186.665	161.109
7	161	102	34	0.0	83.333	83.333
7	161	112	7	65.555	69.999	4.444
7	161	112	9	0.0	0.0	0.0
7	161	112	17	0.0	0.0	0.0
7	161	112	29	2.222	0.0	-2.222
7	161	122	14	8.889	3.333	-5.556
7	161	122	33	0.0	34.444	34.444
7	161	122	35	0.0	54.444	54.444
7	161	132	1	0.0	12.222	12.222
7	161	132	3	0.0	0.0	0.0
7	161	132	32	0.0	0.0	0.0
7	161	132	36	46.666	114.443	67.777

TABLE 97. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	12.222	6.667	-5.556
7	131	82	4	10.000	13.333	3.333
7	131	82	12	13.333	21.111	7.778
7	131	82	15	21.111	18.889	-2.222
7	131	82	18	4.444	0.0	-4.444
7	131	82	28	17.778	8.889	-8.889
7	131	82	32	10.000	8.889	-1.111
7	131	92	6	1.111	4.444	3.333
7	131	92	10	11.111	5.556	-5.556
7	131	92	28	3.333	5.556	2.222
7	131	92	31	4.444	5.556	1.111
7	131	92	36	13.333	10.000	-3.333
7	131	102	6	11.111	5.556	-5.556
7	131	102	16	21.111	2.222	-18.889
7	131	102	27	4.444	5.556	1.111
7	131	102	31	7.778	6.667	-1.111
7	131	112	14	2.222	1.111	-1.111
7	141	82	7	8.889	1.111	-7.778
7	141	82	21	4.444	4.444	0.0
7	141	92	2	5.556	1.111	-4.444
7	141	92	13	4.444	3.333	-1.111
7	141	92	15	7.778	3.333	-4.444
7	141	92	26	16.666	13.333	-3.333
7	141	92	29	3.333	1.111	-2.222
7	141	102	4	3.333	1.111	-2.222
7	141	102	13	4.444	5.556	1.111
7	141	102	15	11.111	7.778	-3.333
7	141	102	35	2.222	0.0	-2.222
7	141	112	2	10.000	1.111	-8.889
7	141	112	4	6.667	3.333	-3.333
7	141	112	13	10.000	3.333	-6.667
7	141	112	35	31.111	16.666	-14.444
7	151	92	3	2.222	5.556	3.333
7	151	92	9	6.667	1.111	-5.556
7	151	92	15	10.000	1.111	-8.889
7	151	92	18	22.222	8.889	-13.333
7	151	92	23	10.000	13.333	3.333
7	151	92	28	10.000	1.111	-8.889
7	151	92	30	6.667	1.111	-5.556
7	151	102	2	5.556	8.889	3.333
7	151	102	21	17.778	8.889	-8.889
7	151	102	32	11.111	1.111	-10.000
7	151	102	34	13.333	5.556	-7.778
7	151	112	7	36.666	28.889	-7.778
7	151	112	11	16.666	23.333	6.667
7	151	112	19	17.778	26.666	8.889
7	151	112	33	12.222	1.111	-11.111
7	151	122	6	6.667	13.333	6.667
7	161	82	8	10.000	1.111	-8.889
7	161	82	30	8.889	5.556	-3.333

TABLE 97. CONTINUED

MORGAN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	2.222	1.111	-1.111
7	161	92	24	7.778	5.556	-2.222
7	161	102	10	10.000	5.556	-4.444
7	161	102	30	7.778	15.555	7.778
7	161	102	34	16.666	11.111	-5.555
7	161	112	7	3.333	2.222	-1.111
7	161	112	9	6.667	7.778	1.111
7	161	112	17	8.889	3.333	-5.556
7	161	112	29	8.889	4.444	-4.444
7	161	122	14	5.556	4.444	-1.111
7	161	122	33	6.667	6.667	0.0
7	161	122	35	4.444	6.667	2.222
7	161	132	1	6.667	4.444	-2.222
7	161	132	3	3.333	7.778	4.444
7	161	132	32	0.0	0.0	0.0
7	161	132	36	14.444	5.556	-8.889

TABLE. 98. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	0.0	0.0	0.0
7	131	82	4	0.0	0.0	0.0
7	131	82	12	0.0	0.0	0.0
7	131	82	15	0.0	0.0	0.0
7	131	82	18	0.0	0.0	0.0
7	131	82	28	0.0	0.0	0.0
7	131	82	32	0.0	0.0	0.0
7	131	92	6	0.0	0.0	0.0
7	131	92	10	0.0	0.0	0.0
7	131	92	28	0.0	0.0	0.0
7	131	92	31	0.0	0.0	0.0
7	131	92	36	0.0	0.0	0.0
7	131	102	6	0.0	0.0	0.0
7	131	102	16	0.0	0.0	0.0
7	131	102	27	0.0	0.0	0.0
7	131	102	31	0.0	0.0	0.0
7	131	112	14	0.0	0.0	0.0
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	0.0	0.0	0.0
7	141	92	26	0.0	0.0	0.0
7	141	92	29	0.0	0.0	0.0
7	141	102	4	1.111	0.0	-1.111
7	141	102	13	0.0	2.222	2.222
7	141	102	15	0.0	0.0	0.0
7	141	102	35	0.0	0.0	0.0
7	141	112	2	0.0	0.0	0.0
7	141	112	4	0.0	0.0	0.0
7	141	112	13	0.0	0.0	0.0
7	141	112	35	0.0	0.0	0.0
7	151	92	3	0.0	0.0	0.0
7	151	92	9	0.0	0.0	0.0
7	151	92	15	0.0	0.0	0.0
7	151	92	18	0.0	0.0	0.0
7	151	92	23	0.0	0.0	0.0
7	151	92	28	0.0	0.0	0.0
7	151	92	30	0.0	0.0	0.0
7	151	102	2	0.0	0.0	0.0
7	151	102	21	0.0	0.0	0.0
7	151	102	32	0.0	0.0	0.0
7	151	102	34	4.444	14.444	10.000
7	151	112	7	0.0	0.0	0.0
7	151	112	11	0.0	0.0	0.0
7	151	112	19	0.0	0.0	0.0
7	151	112	33	0.0	0.0	0.0
7	151	122	6	0.0	0.0	0.0
7	161	82	8	0.0	0.0	0.0
7	161	82	30	0.0	0.0	0.0

TABLE 98. CONTINUED

MORGAN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	0.0	0.0	0.0
7	161	102	10	0.0	0.0	0.0
7	161	102	30	0.0	0.0	0.0
7	161	102	34	0.0	0.0	0.0
7	161	112	7	0.0	0.0	0.0
7	161	112	9	0.0	0.0	0.0
7	161	112	17	0.0	0.0	0.0
7	161	112	29	0.0	0.0	0.0
7	161	122	14	0.0	0.0	0.0
7	161	122	33	0.0	0.0	0.0
7	161	122	35	0.0	0.0	0.0
7	161	132	1	0.0	1.111	1.111
7	161	132	3	102.221	148.887	46.666
7	161	132	32	395.552	311.108	-84.444
7	161	132	36	0.0	0.0	0.0

TABLE 59. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	12.222	12.222	0.0
7	131	82	4	6.667	8.889	2.222
7	131	82	12	5.556	3.333	-2.222
7	131	82	15	4.444	7.778	3.333
7	131	82	18	5.556	3.333	-2.222
7	131	82	28	1.111	3.333	2.222
7	131	82	32	3.333	2.222	-1.111
7	131	92	6	2.222	1.111	-1.111
7	131	92	10	7.778	10.000	2.222
7	131	92	28	6.667	3.333	-3.333
7	131	92	31	7.778	4.444	-3.333
7	131	92	36	0.0	0.0	0.0
7	131	102	6	3.333	3.333	0.0
7	131	102	16	8.889	5.556	-3.333
7	131	102	27	4.444	2.222	-2.222
7	131	102	31	3.333	3.333	0.0
7	131	112	14	2.222	4.444	2.222
7	141	82	7	8.889	3.333	-5.556
7	141	82	21	5.556	5.556	0.0
7	141	92	2	6.667	3.333	-3.333
7	141	92	13	8.889	6.667	-2.222
7	141	92	15	4.444	5.556	1.111
7	141	92	26	8.889	8.889	0.0
7	141	92	29	3.333	2.222	-1.111
7	141	102	4	4.444	5.556	1.111
7	141	102	13	7.778	1.111	-6.667
7	141	102	15	8.889	6.667	-2.222
7	141	102	35	10.000	2.222	-7.778
7	141	112	2	2.222	4.444	2.222
7	141	112	4	4.444	5.556	1.111
7	141	112	13	4.444	4.444	0.0
7	141	112	35	3.333	5.556	2.222
7	151	92	3	2.222	2.222	0.0
7	151	92	9	6.667	2.222	-4.444
7	151	92	15	1.111	2.222	1.111
7	151	92	18	5.556	5.556	0.0
7	151	92	23	7.778	5.556	-2.222
7	151	92	28	6.667	6.667	0.0
7	151	92	30	1.111	3.333	2.222
7	151	102	2	7.778	7.778	0.0
7	151	102	21	1.111	0.0	-1.111
7	151	102	32	10.000	8.889	-1.111
7	151	102	34	4.444	5.556	1.111
7	151	112	7	6.667	6.667	0.0
7	151	112	11	4.444	5.556	1.111
7	151	112	19	8.889	6.667	-2.222
7	151	112	33	8.889	12.222	3.333
7	151	122	6	7.778	6.667	-1.111
7	161	82	8	6.667	5.556	-1.111
7	161	82	30	3.333	5.556	2.222

TABLE 99. CONTINUED

MORGAN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	4.444	5.556	1.111
7	161	92	24	2.222	4.444	2.222
7	161	102	10	6.667	4.444	-2.222
7	161	102	30	5.556	4.444	-1.111
7	161	102	34	5.556	4.444	-1.111
7	161	112	7	8.889	6.667	-2.222
7	161	112	9	4.444	6.667	2.222
7	161	112	17	2.222	4.444	2.222
7	161	112	29	5.556	5.556	0.0
7	161	122	14	4.444	6.667	2.222
7	161	122	33	2.222	8.889	6.667
7	161	122	35	3.333	4.444	1.111
7	161	132	1	7.778	4.444	-3.333
7	161	132	3	4.444	0.0	-4.444
7	161	132	32	0.0	0.0	0.0
7	161	132	36	7.778	5.556	-2.222

TABLE 100. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	8.889	11.111	2.222
7	131	82	4	6.667	7.778	1.111
7	131	82	12	7.778	11.111	3.333
7	131	82	15	8.889	14.444	5.556
7	131	82	18	6.667	4.444	-2.222
7	131	82	28	5.556	4.444	-1.111
7	131	82	32	3.333	3.333	0.0
7	131	92	6	1.111	2.222	1.111
7	131	92	10	4.444	5.556	1.111
7	131	92	28	2.222	3.333	1.111
7	131	92	31	10.000	4.444	-5.556
7	131	92	36	3.333	3.333	0.0
7	131	102	6	1.111	6.667	5.556
7	131	102	16	7.778	5.556	-2.222
7	131	102	27	7.778	6.667	-1.111
7	131	102	31	5.556	11.111	5.556
7	131	112	14	8.889	12.222	3.333
7	141	82	7	5.556	3.333	-2.222
7	141	82	21	4.444	5.556	1.111
7	141	92	2	4.444	4.444	0.0
7	141	92	13	4.444	3.333	-1.111
7	141	92	15	4.444	4.444	0.0
7	141	92	26	8.889	14.444	5.556
7	141	92	29	4.444	3.333	-1.111
7	141	102	4	4.444	2.222	-2.222
7	141	102	13	3.333	5.556	2.222
7	141	102	15	7.778	3.333	-4.444
7	141	102	35	1.111	5.556	4.444
7	141	112	2	5.556	4.444	-1.111
7	141	112	4	5.556	12.222	6.667
7	141	112	13	6.667	7.778	1.111
7	141	112	35	4.444	4.444	0.0
7	151	92	3	1.111	4.444	3.333
7	151	92	9	0.0	1.111	1.111
7	151	92	15	2.222	2.222	0.0
7	151	92	18	8.889	4.444	-4.444
7	151	92	23	3.333	1.111	-2.222
7	151	92	28	6.667	8.889	2.222
7	151	92	30	5.556	6.667	1.111
7	151	102	2	2.222	3.333	1.111
7	151	102	21	0.0	2.222	2.222
7	151	102	32	4.444	6.667	2.222
7	151	102	34	3.333	5.556	2.222
7	151	112	7	1.111	3.333	2.222
7	151	112	11	12.222	4.444	-7.778
7	151	112	19	6.667	4.444	-2.222
7	151	112	33	5.556	7.778	2.222
7	151	122	6	4.444	4.444	0.0
7	161	82	8	2.222	2.222	0.0
7	161	82	30	3.333	2.222	-1.111

TABLE 100. CONTINUED

MORGAN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	2.222	2.222
7	161	92	24	6.667	5.556	-1.111
7	161	102	10	3.333	5.556	2.222
7	161	102	30	6.667	6.667	0.0
7	161	102	34	7.778	10.000	2.222
7	161	112	7	5.556	3.333	-2.222
7	161	112	9	2.222	4.444	2.222
7	161	112	17	3.333	4.444	1.111
7	161	112	29	4.444	5.556	1.111
7	161	122	14	8.889	6.667	-2.222
7	161	122	33	4.444	12.222	7.778
7	161	122	35	5.556	6.667	1.111
7	161	132	1	3.333	6.667	3.333
7	161	132	3	3.333	5.556	2.222
7	161	132	32	0.0	3.333	3.333
7	161	132	36	3.333	8.889	5.556

TABLE 101. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	8.889	6.667	-2.222
7	131	82	4	4.444	3.333	-1.111
7	131	82	12	6.667	6.667	0.0
7	131	82	15	0.0	0.0	0.0
7	131	82	18	0.0	0.0	0.0
7	131	82	28	0.0	0.0	0.0
7	131	82	32	0.0	1.111	1.111
7	131	92	6	0.0	0.0	0.0
7	131	92	10	0.0	0.0	0.0
7	131	92	28	0.0	0.0	0.0
7	131	92	31	0.0	0.0	0.0
7	131	92	36	0.0	0.0	0.0
7	131	102	6	0.0	0.0	0.0
7	131	102	16	0.0	0.0	0.0
7	131	102	27	0.0	0.0	0.0
7	131	102	31	0.0	0.0	0.0
7	131	112	14	2.222	2.222	0.0
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	0.0	0.0	0.0
7	141	92	26	7.778	6.667	-1.111
7	141	92	29	3.333	4.444	1.111
7	141	102	4	0.0	0.0	0.0
7	141	102	13	1.111	0.0	-1.111
7	141	102	15	0.0	0.0	0.0
7	141	102	35	3.333	3.333	0.0
7	141	112	2	0.0	0.0	0.0
7	141	112	4	0.0	0.0	0.0
7	141	112	13	0.0	0.0	0.0
7	141	112	35	0.0	0.0	0.0
7	151	92	3	0.0	0.0	0.0
7	151	92	9	0.0	0.0	0.0
7	151	92	15	0.0	0.0	0.0
7	151	92	18	0.0	0.0	0.0
7	151	92	23	1.111	1.111	0.0
7	151	92	28	1.111	0.0	-1.111
7	151	92	30	2.222	2.222	0.0
7	151	102	2	0.0	0.0	0.0
7	151	102	21	1.111	2.222	1.111
7	151	102	32	0.0	0.0	0.0
7	151	102	34	0.0	0.0	0.0
7	151	112	7	0.0	0.0	0.0
7	151	112	11	0.0	0.0	0.0
7	151	112	19	2.222	2.222	0.0
7	151	112	33	0.0	0.0	0.0
7	151	122	6	0.0	0.0	0.0
7	161	82	8	0.0	0.0	0.0
7	161	82	30	0.0	0.0	0.0

TABLE 101. CONTINUED

MORGAN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	0.0	0.0	0.0
7	161	102	10	0.0	0.0	0.0
7	161	102	30	0.0	0.0	0.0
7	161	102	34	3.333	0.0	-3.333
7	161	112	7	0.0	0.0	0.0
7	161	112	9	0.0	0.0	0.0
7	161	112	17	2.222	2.222	0.0
7	161	112	29	7.778	8.889	1.111
7	161	122	14	0.0	0.0	0.0
7	161	122	33	0.0	0.0	0.0
7	161	122	35	0.0	0.0	0.0
7	161	132	1	0.0	0.0	0.0
7	161	132	3	0.0	0.0	0.0
7	161	132	32	0.0	0.0	0.0
7	161	132	36	0.0	0.0	0.0

TABLE 102. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	0.0	3.333	3.333
7	131	82	4	0.0	2.222	2.222
7	131	82	12	0.0	0.0	0.0
7	131	82	15	0.0	1.111	1.111
7	131	82	18	0.0	1.111	1.111
7	131	82	28	2.222	1.111	-1.111
7	131	82	32	3.333	0.0	-3.333
7	131	92	6	0.0	4.444	4.444
7	131	92	10	0.0	5.556	5.556
7	131	92	28	2.222	3.333	1.111
7	131	92	31	6.667	1.111	-5.556
7	131	92	36	1.111	2.222	1.111
7	131	102	6	0.0	0.0	0.0
7	131	102	16	5.556	2.222	-3.333
7	131	102	27	4.444	2.222	-2.222
7	131	102	31	7.778	1.111	-6.667
7	131	112	14	4.444	2.222	-2.222
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	2.222	4.444	2.222
7	141	92	26	1.111	0.0	-1.111
7	141	92	29	0.0	0.0	0.0
7	141	102	4	1.111	0.0	-1.111
7	141	102	13	2.222	17.778	15.555
7	141	102	15	0.0	1.111	1.111
7	141	102	35	0.0	0.0	0.0
7	141	112	2	2.222	4.444	2.222
7	141	112	4	1.111	0.0	-1.111
7	141	112	13	0.0	1.111	1.111
7	141	112	35	0.0	2.222	2.222
7	151	92	3	0.0	0.0	0.0
7	151	92	9	0.0	2.222	2.222
7	151	92	15	0.0	0.0	0.0
7	151	92	18	0.0	0.0	0.0
7	151	92	23	1.111	0.0	-1.111
7	151	92	28	0.0	1.111	1.111
7	151	92	30	0.0	0.0	0.0
7	151	102	2	2.222	1.111	-1.111
7	151	102	21	0.0	1.111	1.111
7	151	102	32	0.0	0.0	0.0
7	151	102	34	41.111	24.444	-16.667
7	151	112	7	0.0	0.0	0.0
7	151	112	11	2.222	6.667	4.444
7	151	112	19	1.111	1.111	0.0
7	151	112	33	0.0	0.0	0.0
7	151	122	6	0.0	2.222	2.222
7	161	82	8	0.0	0.0	0.0
7	161	82	30	1.111	0.0	-1.111

TABLE 102. CONTINUED

MORGAN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	1.111	2.222	1.111
7	161	102	10	0.0	0.0	0.0
7	161	102	30	0.0	2.222	2.222
7	161	102	34	1.111	0.0	-1.111
7	161	112	7	1.111	0.0	-1.111
7	161	112	9	0.0	0.0	0.0
7	161	112	17	0.0	2.222	2.222
7	161	112	29	0.0	1.111	1.111
7	161	122	14	0.0	0.0	0.0
7	161	122	33	0.0	2.222	2.222
7	161	122	35	0.0	0.0	0.0
7	161	132	1	0.0	1.111	1.111
7	161	132	3	15.555	12.222	-3.333
7	161	132	32	1.111	1.111	0.0
7	161	132	36	2.222	0.0	-2.222

TABLE 103. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	8.889	7.778	-1.111
7	131	82	4	3.333	8.889	5.556
7	131	82	12	8.889	7.778	-1.111
7	131	82	15	5.556	32.222	26.666
7	131	82	18	2.222	12.222	10.000
7	131	82	28	1.111	11.111	10.000
7	131	82	32	4.444	5.556	1.111
7	131	92	6	4.444	2.222	-2.222
7	131	92	10	3.333	7.778	4.444
7	131	92	28	4.444	10.000	5.556
7	131	92	31	3.333	7.778	4.444
7	131	92	36	0.0	2.222	2.222
7	131	102	6	3.333	7.778	4.444
7	131	102	16	0.0	4.444	4.444
7	131	102	27	2.222	5.556	3.333
7	131	102	31	4.444	12.222	7.778
7	131	112	14	20.000	15.555	-4.444
7	141	82	7	4.444	12.222	7.778
7	141	82	21	5.556	11.111	5.556
7	141	92	2	10.000	4.444	-5.556
7	141	92	13	10.000	10.000	0.0
7	141	92	15	3.333	6.667	3.333
7	141	92	26	14.444	13.333	-1.111
7	141	92	29	17.778	13.333	-4.444
7	141	102	4	14.444	15.555	1.111
7	141	102	13	8.889	3.333	-5.556
7	141	102	15	3.333	4.444	1.111
7	141	102	35	14.444	21.111	6.667
7	141	112	2	6.667	4.444	-2.222
7	141	112	4	12.222	15.555	3.333
7	141	112	13	5.556	5.556	0.0
7	141	112	35	6.667	8.889	2.222
7	151	92	3	7.778	3.333	-4.444
7	151	92	9	2.222	6.667	4.444
7	151	92	15	3.333	4.444	1.111
7	151	92	18	4.444	6.667	2.222
7	151	92	23	5.556	7.778	2.222
7	151	92	28	7.778	8.889	1.111
7	151	92	30	8.889	15.555	6.667
7	151	102	2	13.333	28.889	15.555
7	151	102	21	4.444	1.111	-3.333
7	151	102	32	8.889	11.111	2.222
7	151	102	34	2.222	8.889	6.667
7	151	112	7	6.667	6.667	0.0
7	151	112	11	0.0	11.111	11.111
7	151	112	19	6.667	14.444	7.778
7	151	112	33	8.889	20.000	11.111
7	151	122	6	3.333	8.889	5.556
7	161	82	8	5.556	7.778	2.222
7	161	82	30	6.667	8.889	2.222

TABLE 103. CONTINUED

MORGAN COUNTY				RIGHT-OF-WAY		
CCUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	3.333	4.444	1.111
7	161	92	24	5.556	4.444	-1.111
7	161	102	10	5.556	16.666	11.111
7	161	102	30	1.111	4.444	3.333
7	161	102	34	7.778	16.666	8.889
7	161	112	7	6.667	10.000	3.333
7	161	112	9	3.333	8.889	5.556
7	161	112	17	5.556	16.666	11.111
7	161	112	29	10.000	22.222	12.222
7	161	122	14	8.889	8.889	0.0
7	161	122	33	11.111	10.000	-1.111
7	161	122	35	4.444	12.222	7.778
7	161	132	1	8.889	6.667	-2.222
7	161	132	3	8.889	3.333	-5.556
7	161	132	32	0.0	1.111	1.111
7	161	132	36	11.111	7.778	-3.333

TABLE 104. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	32.222	36.666	4.445
7	131	82	4	0.0	0.0	0.0
7	131	82	12	5.556	5.556	0.0
7	131	82	15	0.0	0.0	0.0
7	131	82	18	0.0	0.0	0.0
7	131	82	28	0.0	0.0	0.0
7	131	82	32	0.0	0.0	0.0
7	131	92	6	0.0	0.0	0.0
7	131	92	10	0.0	0.0	0.0
7	131	92	28	0.0	0.0	0.0
7	131	92	31	0.0	0.0	0.0
7	131	92	36	0.0	0.0	0.0
7	131	102	6	0.0	0.0	0.0
7	131	102	16	0.0	0.0	0.0
7	131	102	27	0.0	0.0	0.0
7	131	102	31	0.0	0.0	0.0
7	131	112	14	0.0	0.0	0.0
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	0.0	0.0	0.0
7	141	92	26	0.0	0.0	0.0
7	141	92	29	0.0	0.0	0.0
7	141	102	4	0.0	0.0	0.0
7	141	102	13	0.0	0.0	0.0
7	141	102	15	0.0	0.0	0.0
7	141	102	35	0.0	0.0	0.0
7	141	112	2	0.0	0.0	0.0
7	141	112	4	0.0	0.0	0.0
7	141	112	13	0.0	0.0	0.0
7	141	112	35	0.0	0.0	0.0
7	151	92	3	0.0	0.0	0.0
7	151	92	9	0.0	0.0	0.0
7	151	92	15	0.0	0.0	0.0
7	151	92	18	0.0	0.0	0.0
7	151	92	23	0.0	0.0	0.0
7	151	92	28	0.0	0.0	0.0
7	151	92	30	0.0	0.0	0.0
7	151	102	2	0.0	0.0	0.0
7	151	102	21	518.884	551.105	32.222
7	151	102	32	0.0	6.667	6.667
7	151	102	34	0.0	0.0	0.0
7	151	112	7	0.0	0.0	0.0
7	151	112	11	0.0	24.444	24.444
7	151	112	19	0.0	0.0	0.0
7	151	112	33	0.0	0.0	0.0
7	151	122	6	0.0	0.0	0.0
7	161	82	8	0.0	0.0	0.0
7	161	82	30	0.0	0.0	0.0

TABLE 104. CONTINUED

MORGAN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	0.0	0.0	0.0
7	161	102	10	5.556	3.333	-2.222
7	161	102	30	0.0	0.0	0.0
7	161	102	34	0.0	0.0	0.0
7	161	112	7	0.0	0.0	0.0
7	161	112	9	0.0	0.0	0.0
7	161	112	17	0.0	0.0	0.0
7	161	112	29	22.222	25.555	3.333
7	161	122	14	0.0	0.0	0.0
7	161	122	33	0.0	0.0	0.0
7	161	122	35	0.0	0.0	0.0
7	161	132	1	0.0	0.0	0.0
7	161	132	3	0.0	0.0	0.0
7	161	132	32	0.0	0.0	0.0
7	161	132	36	0.0	0.0	0.0

TABLE 105. SAMPLE SECTIONS AND LAND USE DATA

MORGAN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	131	82	2	1.111	3.333	2.222
7	131	82	4	0.0	0.0	0.0
7	131	82	12	8.889	8.889	0.0
7	131	82	15	0.0	7.778	7.778
7	131	82	18	0.0	0.0	0.0
7	131	82	28	0.0	0.0	0.0
7	131	82	32	0.0	0.0	0.0
7	131	92	6	0.0	0.0	0.0
7	131	92	10	0.0	0.0	0.0
7	131	92	28	0.0	0.0	0.0
7	131	92	31	0.0	0.0	0.0
7	131	92	36	0.0	0.0	0.0
7	131	102	6	0.0	0.0	0.0
7	131	102	16	0.0	0.0	0.0
7	131	102	27	0.0	0.0	0.0
7	131	102	31	0.0	0.0	0.0
7	131	112	14	0.0	0.0	0.0
7	141	82	7	0.0	0.0	0.0
7	141	82	21	0.0	0.0	0.0
7	141	92	2	0.0	0.0	0.0
7	141	92	13	0.0	0.0	0.0
7	141	92	15	0.0	0.0	0.0
7	141	92	26	0.0	0.0	0.0
7	141	92	29	0.0	0.0	0.0
7	141	102	4	0.0	0.0	0.0
7	141	102	13	0.0	0.0	0.0
7	141	102	15	0.0	0.0	0.0
7	141	102	35	0.0	0.0	0.0
7	141	112	2	0.0	0.0	0.0
7	141	112	4	1.111	1.111	0.0
7	141	112	13	0.0	0.0	0.0
7	141	112	35	0.0	0.0	0.0
7	151	92	3	0.0	0.0	0.0
7	151	92	9	0.0	0.0	0.0
7	151	92	15	0.0	0.0	0.0
7	151	92	18	0.0	0.0	0.0
7	151	92	23	0.0	1.111	1.111
7	151	92	28	0.0	0.0	0.0
7	151	92	30	0.0	0.0	0.0
7	151	102	2	0.0	0.0	0.0
7	151	102	21	0.0	2.222	2.222
7	151	102	32	0.0	0.0	0.0
7	151	102	34	0.0	0.0	0.0
7	151	112	7	0.0	0.0	0.0
7	151	112	11	0.0	0.0	0.0
7	151	112	19	0.0	0.0	0.0
7	151	112	33	0.0	0.0	0.0
7	151	122	6	0.0	0.0	0.0
7	161	82	8	0.0	0.0	0.0
7	161	82	30	0.0	0.0	0.0

TABLE 105. CONTINUED

MORGAN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1941	1968	CHANGE
7	161	82	32	0.0	0.0	0.0
7	161	92	24	0.0	0.0	0.0
7	161	102	10	0.0	0.0	0.0
7	161	102	30	0.0	0.0	0.0
7	161	102	34	0.0	0.0	0.0
7	161	112	7	0.0	0.0	0.0
7	161	112	9	0.0	0.0	0.0
7	161	112	17	0.0	0.0	0.0
7	161	112	29	0.0	0.0	0.0
7	161	122	14	0.0	0.0	0.0
7	161	122	33	0.0	0.0	0.0
7	161	122	35	0.0	0.0	0.0
7	161	132	1	0.0	0.0	0.0
7	161	132	3	72.221	83.333	11.111
7	161	132	32	128.888	238.887	109.999
7	161	132	36	0.0	0.0	0.0

TABLE 106. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	20.000	22.000	2.000
8	81	12	14	16.000	16.000	0.0
8	81	12	31	9.000	20.000	11.000
8	81	12	34	11.000	8.000	-3.000
8	81	22	9	21.000	25.000	4.000
8	81	22	11	18.000	18.000	0.0
8	81	22	25	11.000	3.000	-8.000
8	81	22	31	19.000	22.000	3.000
8	81	32	7	18.000	20.000	2.000
8	81	32	11	17.000	10.000	-7.000
8	81	32	31	21.000	20.000	-1.000
8	91	12	1	22.000	17.000	-5.000
8	91	12	4	20.000	16.000	-4.000
8	91	12	7	18.000	20.000	2.000
8	91	12	26	18.000	21.000	3.000
8	91	12	28	13.000	10.000	-3.000
8	91	22	1	13.000	18.000	5.000
8	91	22	8	16.000	21.000	5.000
8	91	22	14	13.000	13.000	0.0
8	91	22	22	13.000	6.000	-7.000
8	91	32	12	14.000	16.000	2.000
8	91	32	18	24.000	23.000	-1.000
8	91	32	20	13.000	15.000	2.000
8	101	12	2	16.000	14.000	-2.000
8	101	12	5	13.000	11.000	-2.000
8	101	12	10	16.000	17.000	1.000
8	101	12	26	16.000	15.000	-1.000
8	101	12	29	14.000	15.000	1.000
8	101	12	34	12.000	16.000	4.000
8	101	22	14	12.000	11.000	-1.000
8	101	22	25	16.000	21.000	5.000
8	101	22	29	13.000	5.000	-8.000
8	101	32	7	10.000	10.000	0.0
8	101	32	9	18.000	20.000	2.000
8	101	32	12	17.000	18.000	1.000
8	101	32	20	16.000	15.000	-1.000
8	101	32	33	19.000	21.000	2.000
8	101	32	36	15.000	12.000	-3.000
8	111	12	5	14.000	8.000	-6.000
8	111	12	26	20.000	18.000	-2.000
8	111	12	30	17.000	15.000	-2.000
8	111	22	16	20.000	23.000	3.000
8	111	22	28	28.000	18.000	-10.000
8	111	22	35	15.000	25.000	10.000
8	111	32	3	12.000	10.000	-2.000
8	111	32	9	22.000	21.000	-1.000
8	111	32	11	16.000	14.000	-2.000
8	111	32	13	18.000	21.000	3.000
8	111	32	20	13.000	11.000	-2.000
8	111	32	31	8.000	8.000	0.0

TABLE 106. CONTINUED

WARREN COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	15.000	15.000	0.0
8	121	12	4	20.000	11.000	-9.000
8	121	12	8	16.000	19.000	3.000
8	121	12	14	18.000	21.000	3.000
8	121	12	25	13.000	19.000	6.000
8	121	12	31	16.000	14.000	-2.000
8	121	22	5	16.000	16.000	0.0
8	121	22	12	21.000	17.000	-4.000
8	121	22	16	14.000	17.000	3.000
8	121	22	20	12.000	17.000	5.000
8	121	22	33	14.000	12.000	-2.000
8	121	32	6	18.000	13.000	-5.000
8	121	32	14	16.000	16.000	0.0
8	121	32	17	19.000	17.000	-2.000
8	121	32	25	18.000	15.000	-3.000

TABLE 107. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	464.440	472.218	7.778
8	81	12	14	377.774	434.440	56.666
8	81	12	31	562.217	588.883	26.667
8	81	12	34	615.549	607.772	-7.778
8	81	22	9	262.219	377.774	115.554
8	81	22	11	352.219	415.551	63.333
8	81	22	25	612.216	617.771	5.555
8	81	22	31	586.661	592.216	5.555
8	81	32	7	608.883	608.883	0.0
8	81	32	11	556.661	586.661	30.000
8	81	32	31	576.661	584.438	7.778
8	91	12	1	378.885	338.885	-40.000
8	91	12	4	459.995	509.995	50.000
8	91	12	7	362.219	405.552	43.333
8	91	12	26	375.552	453.329	77.777
8	91	12	28	595.550	588.883	-6.667
8	91	22	1	311.108	326.663	15.555
8	91	22	8	519.995	552.217	32.222
8	91	22	14	571.105	541.106	-30.000
8	91	22	22	404.440	613.327	208.887
8	91	32	12	562.217	592.216	30.000
8	91	32	18	274.442	333.330	58.888
8	91	32	20	198.887	263.331	64.444
8	101	12	2	576.661	583.327	6.667
8	101	12	5	574.439	579.994	5.555
8	101	12	10	406.663	276.664	-129.999
8	101	12	26	345.552	371.107	25.555
8	101	12	29	515.550	566.661	51.111
8	101	12	34	217.776	359.996	142.221
8	101	22	14	594.438	589.994	-4.444
8	101	22	25	456.662	448.884	-7.778
8	101	22	29	588.883	609.994	21.111
8	101	32	7	307.775	377.774	69.999
8	101	32	9	533.328	541.106	7.778
8	101	32	12	506.662	585.550	78.888
8	101	32	20	432.218	572.217	139.999
8	101	32	33	526.661	519.995	-6.667
8	101	32	36	599.994	611.105	11.111
8	111	12	5	572.217	584.438	12.222
8	111	12	26	488.884	544.439	55.555
8	111	12	30	381.107	433.329	52.222
8	111	22	16	406.663	386.663	-20.000
8	111	22	28	378.885	306.664	-72.221
8	111	22	35	422.218	469.995	47.777
8	111	32	3	538.884	565.550	26.666
8	111	32	9	417.773	476.662	58.888
8	111	32	11	444.440	425.551	-18.889
8	111	32	13	511.106	522.217	11.111
8	111	32	20	563.328	547.772	-15.555
8	111	32	31	596.661	604.438	7.778

TABLE 107. CONTINUED

WARREN COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	529.995	525.550	-4.444
8	121	12	4	488.884	552.217	63.333
8	121	12	8	494.439	534.439	40.000
8	121	12	14	339.997	355.552	15.555
8	121	12	25	442.218	416.662	-25.555
8	121	12	31	605.550	604.438	-1.111
8	121	22	5	536.661	588.883	52.222
8	121	22	12	527.772	508.884	-18.889
8	121	22	16	405.552	547.772	142.221
8	121	22	20	515.550	543.328	27.778
8	121	22	33	486.662	537.772	51.111
8	121	32	6	611.105	565.550	-45.555
8	121	32	14	461.106	502.217	41.111
8	121	32	17	575.550	573.328	-2.222
8	121	32	25	446.662	452.218	5.556

TABLE 108. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				PASTURE		
CCUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	115.554	28.889	-86.666
8	81	12	14	211.109	36.666	-174.443
8	81	12	31	62.222	31.111	-31.111
8	81	12	34	6.667	7.778	1.111
8	81	22	9	116.665	74.444	-42.222
8	81	22	11	259.997	94.443	-165.554
8	81	22	25	10.000	0.0	-10.000
8	81	22	31	22.222	4.444	-17.778
8	81	32	7	11.111	11.111	0.0
8	81	32	11	55.555	22.222	-33.333
8	81	32	31	28.889	30.000	1.111
8	91	12	1	216.665	254.442	37.777
8	91	12	4	135.554	52.222	-83.333
8	91	12	7	222.220	101.110	-121.110
8	91	12	26	202.220	68.888	-133.332
8	91	12	28	12.222	25.555	13.333
8	91	22	1	302.219	135.554	-166.665
8	91	22	8	87.777	45.555	-42.222
8	91	22	14	42.222	71.110	28.888
8	91	22	22	203.331	13.333	-189.998
8	91	32	12	40.000	24.444	-15.555
8	91	32	18	198.887	58.888	-139.999
8	91	32	20	256.664	207.776	-48.888
8	101	12	2	18.889	8.889	-10.000
8	101	12	5	8.889	11.111	2.222
8	101	12	10	208.867	224.442	15.555
8	101	12	26	233.331	57.777	-175.554
8	101	12	29	88.888	33.333	-55.555
8	101	12	34	332.219	49.999	-282.219
8	101	22	14	21.111	16.666	-4.445
8	101	22	25	149.999	135.554	-14.444
8	101	22	29	5.556	13.333	7.778
8	101	32	7	158.887	14.444	-144.443
8	101	32	9	17.778	0.0	-17.778
8	101	32	12	109.999	23.333	-86.666
8	101	32	20	166.665	34.444	-132.221
8	101	32	33	65.555	68.888	3.333
8	101	32	36	12.222	14.444	2.222
8	111	12	5	53.333	38.889	-14.444
8	111	12	26	106.666	40.000	-66.666
8	111	12	30	238.887	64.444	-174.443
8	111	22	16	187.776	138.887	-48.888
8	111	22	28	165.554	141.110	-24.444
8	111	22	35	186.665	118.888	-67.777
8	111	32	3	62.222	44.444	-17.778
8	111	32	9	183.331	93.332	-89.999
8	111	32	11	163.332	158.887	-4.444
8	111	32	13	92.221	75.555	-16.667
8	111	32	20	31.111	45.555	14.444
8	111	32	31	15.555	17.778	2.222

TABLE 108. CONTINUED

WARREN COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	91.110	96.666	5.555
8	121	12	4	112.221	64.444	-47.777
8	121	12	8	106.666	64.444	-42.222
8	121	12	14	187.776	162.221	-25.555
8	121	12	25	123.332	55.555	-67.777
8	121	12	31	2.222	10.000	7.778
8	121	22	5	10.000	3.333	-6.667
8	121	22	12	66.666	86.666	20.000
8	121	22	16	207.776	42.222	-165.554
8	121	22	20	85.555	57.777	-27.777
8	121	22	33	121.110	64.444	-56.666
8	121	32	6	6.667	57.777	51.111
8	121	32	14	121.110	85.555	-35.555
8	121	32	17	27.777	35.555	7.778
8	121	32	25	126.665	121.110	-5.555

TABLE 109. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	10.000	85.555	75.555
8	81	12	14	13.333	97.777	84.444
8	81	12	31	0.0	0.0	0.0
8	81	12	34	0.0	0.0	0.0
8	81	22	9	1.111	117.777	116.665
8	81	22	11	1.111	18.889	17.778
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	1.111	1.111
8	81	32	31	0.0	0.0	0.0
8	91	12	1	1.111	6.667	5.556
8	91	12	4	0.0	3.333	3.333
8	91	12	7	12.222	95.555	83.332
8	91	12	26	10.000	76.666	66.666
8	91	12	28	3.333	0.0	-3.333
8	91	22	1	8.889	101.110	92.221
8	91	22	8	0.0	8.889	8.889
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	1.111	0.0	-1.111
8	91	32	18	94.443	127.777	33.333
8	91	32	20	91.110	117.777	26.666
8	101	12	2	1.111	0.0	-1.111
8	101	12	5	0.0	0.0	0.0
8	101	12	10	5.556	35.555	30.000
8	101	12	26	42.222	165.554	123.332
8	101	12	29	0.0	0.0	0.0
8	101	12	34	37.777	114.443	76.666
8	101	22	14	0.0	0.0	0.0
8	101	22	25	0.0	0.0	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	137.776	137.776
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	0.0	0.0
8	101	32	20	1.111	8.889	7.778
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	0.0	0.0
8	111	12	30	2.222	102.221	99.999
8	111	22	16	0.0	59.999	59.999
8	111	22	28	0.0	21.111	21.111
8	111	22	35	1.111	0.0	-1.111
8	111	32	3	7.778	0.0	-7.778
8	111	32	9	3.333	18.889	15.555
8	111	32	11	0.0	0.0	0.0
8	111	32	13	0.0	0.0	0.0
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 109. CONTINUED

WARREN COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	5.556	0.0	-5.556
8	121	12	8	4.444	4.444	0.0
8	121	12	14	51.111	32.222	-18.889
8	121	12	25	0.0	24.444	24.444
8	121	12	31	0.0	0.0	0.0
8	121	22	5	0.0	0.0	0.0
8	121	22	12	8.889	0.0	-8.889
8	121	22	16	4.444	0.0	-4.444
8	121	22	20	0.0	5.556	5.556
8	121	22	33	0.0	3.333	3.333
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	0.0	0.0	0.0
8	121	32	25	42.222	0.0	-42.222

TABLE 110. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	0.0	0.0	0.0
8	81	12	14	0.0	0.0	0.0
8	81	12	31	0.0	0.0	0.0
8	81	12	34	0.0	0.0	0.0
8	81	22	9	0.0	0.0	0.0
8	81	22	11	0.0	0.0	0.0
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
8	81	32	31	0.0	0.0	0.0
8	91	12	1	2.222	6.667	4.444
8	91	12	4	0.0	0.0	0.0
8	91	12	7	0.0	0.0	0.0
8	91	12	26	0.0	0.0	0.0
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	0.0	0.0
8	91	22	8	0.0	0.0	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	0.0	0.0
8	91	32	18	0.0	0.0	0.0
8	91	32	20	0.0	0.0	0.0
8	101	12	2	0.0	0.0	0.0
8	101	12	5	0.0	0.0	0.0
8	101	12	10	0.0	0.0	0.0
8	101	12	26	0.0	0.0	0.0
8	101	12	29	0.0	0.0	0.0
8	101	12	34	0.0	0.0	0.0
8	101	22	14	0.0	0.0	0.0
8	101	22	25	0.0	0.0	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	0.0	0.0
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	0.0	0.0
8	101	32	20	0.0	0.0	0.0
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	0.0	0.0
8	111	12	30	0.0	0.0	0.0
8	111	22	16	0.0	0.0	0.0
8	111	22	28	1.111	0.0	-1.111
8	111	22	35	0.0	0.0	0.0
8	111	32	3	0.0	0.0	0.0
8	111	32	9	0.0	0.0	0.0
8	111	32	11	0.0	0.0	0.0
8	111	32	13	0.0	0.0	0.0
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 110. CONTINUED

WARREN COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	0.0	0.0	0.0
8	121	12	25	0.0	0.0	0.0
8	121	12	31	0.0	0.0	0.0
8	121	22	5	0.0	0.0	0.0
8	121	22	12	0.0	0.0	0.0
8	121	22	16	0.0	0.0	0.0
8	121	22	20	0.0	0.0	0.0
8	121	22	33	0.0	0.0	0.0
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	0.0	0.0	0.0
8	121	32	25	0.0	0.0	0.0

TABLE 111. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	5.556	13.333	7.778
8	81	12	14	0.0	18.889	18.889
8	81	12	31	1.111	0.0	-1.111
8	81	12	34	0.0	0.0	0.0
8	81	22	9	231.109	37.777	-193.331
8	81	22	11	0.0	77.777	77.777
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
8	81	32	31	0.0	0.0	0.0
8	91	12	1	0.0	0.0	0.0
8	91	12	4	0.0	43.333	43.333
8	91	12	7	14.444	10.000	-4.444
8	91	12	26	13.333	0.0	-13.333
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	53.333	53.333
8	91	22	8	0.0	0.0	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	0.0	0.0
8	91	32	18	36.666	84.444	47.777
8	91	32	20	65.555	23.333	-42.222
8	101	12	2	0.0	10.000	10.000
8	101	12	5	0.0	0.0	0.0
8	101	12	10	0.0	79.999	79.999
8	101	12	26	1.111	25.555	24.444
8	101	12	29	0.0	0.0	0.0
8	101	12	34	32.222	84.444	52.222
8	101	22	14	0.0	0.0	0.0
8	101	22	25	2.222	25.555	23.333
8	101	22	29	16.666	0.0	-16.666
8	101	32	7	151.110	89.999	-61.111
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	0.0	0.0
8	101	32	20	0.0	0.0	0.0
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	0.0	0.0
8	111	12	30	4.444	21.111	16.666
8	111	22	16	17.778	16.666	-1.111
8	111	22	28	6.667	2.222	-4.444
8	111	22	35	0.0	13.333	13.333
8	111	32	3	3.333	0.0	-3.333
8	111	32	9	0.0	16.666	16.666
8	111	32	11	1.111	23.333	22.222
8	111	32	13	0.0	0.0	0.0
8	111	32	20	16.666	20.000	3.333
8	111	32	31	0.0	0.0	0.0

TABLE 111. CONTINUED

WARREN COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	36.666	69.999	33.333
8	121	12	25	47.777	116.665	68.888
8	121	12	31	0.0	0.0	0.0
8	121	22	5	58.888	15.555	-43.333
8	121	22	12	0.0	14.444	14.444
8	121	22	16	3.333	23.333	20.000
8	121	22	20	0.0	0.0	0.0
8	121	22	33	0.0	0.0	0.0
8	121	32	6	0.0	0.0	0.0
8	121	32	14	26.666	23.333	-3.333
8	121	32	17	5.556	3.333	-2.222
8	121	32	25	5.556	47.777	42.222

TABLE 112. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	25.555	16.666	-8.889
8	81	12	14	13.333	13.333	0.0
8	81	12	31	1.111	0.0	-1.111
8	81	12	34	1.111	1.111	0.0
8	81	22	9	13.333	11.111	-2.222
8	81	22	11	5.556	10.000	4.444
8	81	22	25	2.222	3.333	1.111
8	81	22	31	2.222	1.111	-1.111
8	81	32	7	6.667	3.333	-3.333
8	81	32	11	13.333	8.889	-4.444
8	81	32	31	14.444	3.333	-11.111
8	91	12	1	18.889	6.667	-12.222
8	91	12	4	14.444	6.667	-7.778
8	91	12	7	6.667	10.000	3.333
8	91	12	26	23.333	13.333	-10.000
8	91	12	28	6.667	2.222	-4.444
8	91	22	1	5.556	8.889	3.333
8	91	22	8	3.333	5.556	2.222
8	91	22	14	5.556	1.111	-4.444
8	91	22	22	18.889	0.0	-18.889
8	91	32	12	10.000	4.444	-5.556
8	91	32	18	12.222	6.667	-5.556
8	91	32	20	12.222	7.778	-4.444
8	101	12	2	10.000	4.444	-5.556
8	101	12	5	6.667	0.0	-6.667
8	101	12	10	12.222	3.333	-8.889
8	101	12	26	5.556	5.556	0.0
8	101	12	29	7.778	1.111	-6.667
8	101	12	34	1.111	10.000	8.889
8	101	22	14	5.556	0.0	-5.556
8	101	22	25	5.556	1.111	-4.444
8	101	22	29	12.222	1.111	-11.111
8	101	32	7	2.222	1.111	-1.111
8	101	32	9	8.889	2.222	-6.667
8	101	32	12	11.111	8.889	-2.222
8	101	32	20	25.555	11.111	-14.444
8	101	32	33	6.667	4.444	-2.222
8	101	32	36	13.333	4.444	-8.889
8	111	12	5	3.333	3.333	0.0
8	111	12	26	6.667	5.556	-1.111
8	111	12	30	8.889	6.667	-2.222
8	111	22	16	14.444	17.778	3.333
8	111	22	28	15.555	20.000	4.444
8	111	22	35	5.556	13.333	7.778
8	111	32	3	4.444	5.556	1.111
8	111	32	9	21.111	11.111	-10.000
8	111	32	11	6.667	4.444	-2.222
8	111	32	13	7.778	4.444	-3.333
8	111	32	20	11.111	7.778	-3.333
8	111	32	31	7.778	1.111	-6.667

TABLE 112. CONTINUED

WARREN COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	1.111	4.444	3.333
8	121	12	4	18.889	5.556	-13.333
8	121	12	8	8.889	11.111	2.222
8	121	12	14	13.333	7.778	-5.556
8	121	12	25	10.000	1.111	-8.889
8	121	12	31	8.889	1.111	-7.778
8	121	22	5	10.000	6.667	-3.333
8	121	22	12	15.555	6.667	-8.889
8	121	22	16	4.444	6.667	2.222
8	121	22	20	12.222	6.667	-5.556
8	121	22	33	8.889	1.111	-7.778
8	121	32	6	4.444	2.222	-2.222
8	121	32	14	15.555	12.222	-3.333
8	121	32	17	4.444	1.111	-3.333
8	121	32	25	14.444	5.556	-8.889

TABLE 113. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	19 0	19 0	CHANGE
8	81	12	10	0.0	0.0	0.0
8	81	12	14	0.0	0.0	0.0
8	81	12	31	0.0	0.0	0.0
8	81	12	34	0.0	0.0	0.0
8	81	22	9	0.0	0.0	0.0
8	81	22	11	0.0	0.0	0.0
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
8	81	32	31	0.0	0.0	0.0
8	91	12	1	0.0	0.0	0.0
8	91	12	4	0.0	0.0	0.0
8	91	12	7	0.0	0.0	0.0
8	91	12	26	0.0	0.0	0.0
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	0.0	0.0
8	91	22	8	0.0	0.0	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	0.0	0.0
8	91	32	18	0.0	0.0	0.0
8	91	32	20	0.0	0.0	0.0
8	101	12	2	0.0	0.0	0.0
8	101	12	5	0.0	0.0	0.0
8	101	12	10	0.0	0.0	0.0
8	101	12	26	0.0	0.0	0.0
8	101	12	29	0.0	0.0	0.0
8	101	12	34	0.0	0.0	0.0
8	101	22	14	0.0	0.0	0.0
8	101	22	25	0.0	0.0	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	0.0	0.0
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	0.0	0.0
8	101	32	20	0.0	0.0	0.0
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	0.0	0.0
8	111	12	30	0.0	0.0	0.0
8	111	22	16	0.0	0.0	0.0
8	111	22	28	0.0	0.0	0.0
8	111	22	35	0.0	0.0	0.0
8	111	32	3	0.0	0.0	0.0
8	111	32	9	0.0	0.0	0.0
8	111	32	11	0.0	0.0	0.0
8	111	32	13	0.0	0.0	0.0
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 113. CONTINUED

WARREN COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	0.0	0.0	0.0
8	121	12	25	0.0	0.0	0.0
8	121	12	31	0.0	0.0	0.0
8	121	22	5	0.0	0.0	0.0
8	121	22	12	0.0	0.0	0.0
8	121	22	16	0.0	0.0	0.0
8	121	22	20	0.0	0.0	0.0
8	121	22	33	0.0	0.0	0.0
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	0.0	0.0	0.0
8	121	32	25	0.0	0.0	0.0

TABLE 114. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	4.444	1.111	-3.333
8	81	12	14	6.667	6.667	0.0
8	81	12	31	3.333	3.333	0.0
8	81	12	34	8.889	7.778	-1.111
8	81	22	9	7.778	4.444	-3.333
8	81	22	11	3.333	5.556	2.222
8	81	22	25	2.222	0.0	-2.222
8	81	22	31	4.444	7.778	3.333
8	81	32	7	5.556	3.333	-2.222
8	81	32	11	4.444	2.222	-2.222
8	81	32	31	4.444	3.333	-1.111
8	91	12	1	7.778	8.889	1.111
8	91	12	4	3.333	4.444	1.111
8	91	12	7	8.889	4.444	-4.444
8	91	12	26	3.333	3.333	0.0
8	91	12	28	5.556	2.222	-3.333
8	91	22	1	0.0	3.333	3.333
8	91	22	8	5.556	6.667	1.111
8	91	22	14	2.222	3.333	1.111
8	91	22	22	4.444	3.333	-1.111
8	91	32	12	3.333	2.222	-1.111
8	91	32	18	2.222	2.222	0.0
8	91	32	20	4.444	5.556	1.111
8	101	12	2	3.333	4.444	1.111
8	101	12	5	8.889	5.556	-3.333
8	101	12	10	3.333	3.333	0.0
8	101	12	26	5.556	4.444	-1.111
8	101	12	29	7.778	3.333	-4.444
8	101	12	34	4.444	3.333	-1.111
8	101	22	14	4.444	12.222	7.778
8	101	22	25	4.444	6.667	2.222
8	101	22	29	3.333	2.222	-1.111
8	101	32	7	8.889	6.667	-2.222
8	101	32	9	1.111	0.0	-1.111
8	101	32	12	4.444	4.444	0.0
8	101	32	20	6.667	3.333	-3.333
8	101	32	33	6.667	5.556	-1.111
8	101	32	36	3.333	1.111	-2.222
8	111	12	5	1.111	1.111	0.0
8	111	12	26	6.667	5.556	-1.111
8	111	12	30	1.111	3.333	2.222
8	111	22	16	3.333	3.333	0.0
8	111	22	28	12.222	6.667	-5.556
8	111	22	35	7.778	10.000	2.222
8	111	32	3	2.222	6.667	4.444
8	111	32	9	3.333	3.333	0.0
8	111	32	11	4.444	7.778	3.333
8	111	32	13	6.667	7.778	1.111
8	111	32	20	2.222	5.556	3.333
8	111	32	31	4.444	4.444	0.0

TABLE 114. CONTINUED

WARREN COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	5.556	4.444	-1.111
8	121	12	4	4.444	4.444	0.0
8	121	12	8	6.667	8.889	2.222
8	121	12	14	2.222	3.333	1.111
8	121	12	25	3.333	4.444	1.111
8	121	12	31	2.222	2.222	0.0
8	121	22	5	3.333	4.444	1.111
8	121	22	12	4.444	4.444	0.0
8	121	22	16	7.778	3.333	-4.444
8	121	22	20	8.889	4.444	-4.444
8	121	22	33	5.556	5.556	0.0
8	121	32	6	3.333	3.333	0.0
8	121	32	14	7.778	3.333	-4.444
8	121	32	17	7.778	3.333	-4.444
8	121	32	25	2.222	7.778	5.556

TABLE 115. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	5.556	8.889	3.333
8	81	12	14	6.667	14.444	7.778
8	81	12	31	7.778	7.778	0.0
8	81	12	34	3.333	6.667	3.333
8	81	22	9	3.333	8.889	5.556
8	81	22	11	6.667	7.778	1.111
8	81	22	25	7.778	11.111	3.333
8	81	22	31	7.778	14.444	6.667
8	81	32	7	3.333	3.333	0.0
8	81	32	11	7.778	10.000	2.222
8	81	32	31	4.444	7.778	3.333
8	91	12	1	6.667	8.889	2.222
8	91	12	4	11.111	10.000	-1.111
8	91	12	7	6.667	8.889	2.222
8	91	12	26	5.556	7.778	2.222
8	91	12	28	7.778	6.667	-1.111
8	91	22	1	6.667	5.556	-1.111
8	91	22	8	7.778	12.222	4.444
8	91	22	14	5.556	7.778	2.222
8	91	22	22	3.333	4.444	1.111
8	91	32	12	8.889	6.667	-2.222
8	91	32	18	11.111	8.889	-2.222
8	91	32	20	4.444	8.889	4.444
8	101	12	2	12.222	7.778	-4.444
8	101	12	5	7.778	5.556	-2.222
8	101	12	10	1.111	6.667	5.556
8	101	12	26	3.333	7.778	4.444
8	101	12	29	10.000	17.778	7.778
8	101	12	34	3.333	8.889	5.556
8	101	22	14	4.444	7.778	3.333
8	101	22	25	2.222	4.444	2.222
8	101	22	29	2.222	4.444	2.222
8	101	32	7	8.889	8.889	0.0
8	101	32	9	18.889	21.111	2.222
8	101	32	12	3.333	4.444	1.111
8	101	32	20	4.444	5.556	1.111
8	101	32	33	5.556	5.556	0.0
8	101	32	36	5.556	3.333	-2.222
8	111	12	5	6.667	7.778	1.111
8	111	12	26	11.111	10.000	-1.111
8	111	12	30	0.0	6.667	6.667
8	111	22	16	1.111	8.889	7.778
8	111	22	28	15.555	12.222	-3.333
8	111	22	35	6.667	7.778	1.111
8	111	32	3	11.111	8.889	-2.222
8	111	32	9	3.333	8.889	5.556
8	111	32	11	4.444	7.778	3.333
8	111	32	13	6.667	13.333	6.667
8	111	32	20	11.111	11.111	0.0
8	111	32	31	10.000	3.333	-6.667

TABLE 115. CONTINUED

WARREN COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	7.778	1.111	-6.667
8	121	12	4	4.444	5.556	1.111
8	121	12	8	8.889	7.778	-1.111
8	121	12	14	0.0	4.444	4.444
8	121	12	25	4.444	8.889	4.444
8	121	12	31	14.444	13.333	-1.111
8	121	22	5	6.667	7.778	1.111
8	121	22	12	4.444	7.778	3.333
8	121	22	16	0.0	4.444	4.444
8	121	22	20	3.333	6.667	3.333
8	121	22	33	10.000	8.889	-1.111
8	121	32	6	6.667	2.222	-4.444
8	121	32	14	1.111	8.889	7.778
8	121	32	17	6.667	7.778	1.111
8	121	32	25	0.0	0.0	0.0

TABLE 116. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	0.0	0.0	0.0
8	81	12	14	0.0	0.0	0.0
8	81	12	31	0.0	0.0	0.0
8	81	12	34	0.0	0.0	0.0
8	81	22	9	0.0	0.0	0.0
8	81	22	11	0.0	0.0	0.0
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
8	81	32	31	0.0	0.0	0.0
8	91	12	1	0.0	0.0	0.0
8	91	12	4	3.333	2.222	-1.111
8	91	12	7	0.0	0.0	0.0
8	91	12	26	0.0	0.0	0.0
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	0.0	0.0
8	91	22	8	0.0	0.0	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	0.0	0.0
8	91	32	18	0.0	0.0	0.0
8	91	32	20	0.0	0.0	0.0
8	101	12	2	3.333	3.333	0.0
8	101	12	5	7.778	7.778	0.0
8	101	12	10	0.0	0.0	0.0
8	101	12	26	0.0	0.0	0.0
8	101	12	29	0.0	0.0	0.0
8	101	12	34	4.444	4.444	0.0
8	101	22	14	4.444	4.444	0.0
8	101	22	25	5.556	5.556	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	0.0	0.0
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	0.0	0.0
8	101	32	20	0.0	0.0	0.0
8	101	32	33	15.555	22.222	6.667
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	4.444	4.444	0.0
8	111	12	30	0.0	0.0	0.0
8	111	22	16	0.0	0.0	0.0
8	111	22	28	0.0	0.0	0.0
8	111	22	35	4.444	2.222	-2.222
8	111	32	3	0.0	2.222	2.222
8	111	32	9	0.0	0.0	0.0
8	111	32	11	1.111	1.111	0.0
8	111	32	13	1.111	2.222	1.111
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 116. CONTINUED

WARREN COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	0.0	0.0	0.0
8	121	12	25	0.0	0.0	0.0
8	121	12	31	0.0	0.0	0.0
8	121	22	5	6.667	2.222	-4.444
8	121	22	12	2.222	0.0	-2.222
8	121	22	16	0.0	0.0	0.0
8	121	22	20	2.222	0.0	-2.222
8	121	22	33	0.0	0.0	0.0
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	0.0	0.0	0.0
8	121	32	25	0.0	0.0	0.0

TABLE 117. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	3.333	4.444	1.111
8	81	12	14	3.333	7.778	4.444
8	81	12	31	0.0	1.111	1.111
8	81	12	34	0.0	0.0	0.0
8	81	22	9	1.111	3.333	2.222
8	81	22	11	0.0	1.111	1.111
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
8	81	32	31	5.556	1.111	-4.444
8	91	12	1	0.0	0.0	0.0
8	91	12	4	0.0	0.0	0.0
8	91	12	7	0.0	1.111	1.111
8	91	12	26	2.222	2.222	0.0
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	1.111	1.111
8	91	22	8	2.222	2.222	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	1.111	1.111
8	91	32	18	0.0	1.111	1.111
8	91	32	20	0.0	0.0	0.0
8	101	12	2	0.0	0.0	0.0
8	101	12	5	0.0	0.0	0.0
8	101	12	10	0.0	3.333	3.333
8	101	12	26	1.111	1.111	0.0
8	101	12	29	0.0	0.0	0.0
8	101	12	34	0.0	0.0	0.0
8	101	22	14	0.0	0.0	0.0
8	101	22	25	0.0	0.0	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	0.0	0.0
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	4.444	4.444
8	101	32	20	0.0	0.0	0.0
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	2.222	2.222
8	111	12	30	0.0	0.0	0.0
8	111	22	16	0.0	0.0	0.0
8	111	22	28	1.111	0.0	-1.111
8	111	22	35	0.0	0.0	0.0
8	111	32	3	0.0	0.0	0.0
8	111	32	9	0.0	0.0	0.0
8	111	32	11	0.0	0.0	0.0
8	111	32	13	0.0	1.111	1.111
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 117. CONTINUED

WARREN COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	0.0	0.0	0.0
8	121	12	25	0.0	0.0	0.0
8	121	12	31	0.0	0.0	0.0
8	121	22	5	0.0	0.0	0.0
8	121	22	12	0.0	0.0	0.0
8	121	22	16	1.111	0.0	-1.111
8	121	22	20	0.0	6.667	6.667
8	121	22	33	0.0	3.333	3.333
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	1.111	0.0	-1.111
8	121	32	25	0.0	2.222	2.222

TABLE 118. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	5.556	8.889	3.333
8	81	12	14	5.556	7.778	2.222
8	81	12	31	2.222	7.778	5.556
8	81	12	34	4.444	8.889	4.444
8	81	22	9	3.333	4.444	1.111
8	81	22	11	11.111	8.889	-2.222
8	81	22	25	5.556	7.778	2.222
8	81	22	31	16.666	20.000	3.333
8	81	32	7	4.444	10.000	5.556
8	81	32	11	2.222	8.889	6.667
8	81	32	31	5.556	10.000	4.444
8	91	12	1	7.778	8.889	1.111
8	91	12	4	12.222	7.778	-4.444
8	91	12	7	6.667	3.333	-3.333
8	91	12	26	4.444	14.444	10.000
8	91	12	28	8.889	14.444	5.556
8	91	22	1	5.556	4.444	-1.111
8	91	22	8	13.333	6.667	-6.667
8	91	22	14	13.333	15.555	2.222
8	91	22	22	5.556	5.556	0.0
8	91	32	12	14.444	8.889	-5.556
8	91	32	18	5.556	12.222	6.667
8	91	32	20	6.667	5.556	-1.111
8	101	12	2	14.444	17.778	3.333
8	101	12	5	16.666	21.111	4.445
8	101	12	10	2.222	6.667	4.444
8	101	12	26	2.222	1.111	-1.111
8	101	12	29	10.000	17.778	7.778
8	101	12	34	6.667	4.444	-2.222
8	101	22	14	5.556	8.889	3.333
8	101	22	25	13.333	12.222	-1.111
8	101	22	29	11.111	8.889	-2.222
8	101	32	7	2.222	3.333	1.111
8	101	32	9	16.666	22.222	5.556
8	101	32	12	4.444	8.889	4.444
8	101	32	20	3.333	4.444	1.111
8	101	32	33	13.333	13.333	0.0
8	101	32	36	5.556	5.556	0.0
8	111	12	5	3.333	4.444	1.111
8	111	12	26	15.555	27.777	12.222
8	111	12	30	3.333	2.222	-1.111
8	111	22	16	8.889	7.778	-1.111
8	111	22	28	2.222	8.889	6.667
8	111	22	35	5.556	4.444	-1.111
8	111	32	3	10.000	6.667	-3.333
8	111	32	9	7.778	11.111	3.333
8	111	32	11	14.444	11.111	-3.333
8	111	32	13	14.444	13.333	-1.111
8	111	32	20	4.444	2.222	-2.222
8	111	32	31	5.556	8.889	3.333

TABLE 118. CONTINUED

WARREN COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	4.444	7.778	3.333
8	121	12	4	5.556	7.778	2.222
8	121	12	8	10.000	8.889	-1.111
8	121	12	14	8.889	4.444	-4.444
8	121	12	25	8.889	12.222	3.333
8	121	12	31	6.667	8.889	2.222
8	121	22	5	7.778	11.111	3.333
8	121	22	12	10.000	11.111	1.111
8	121	22	16	5.556	12.222	6.667
8	121	22	20	12.222	8.889	-3.333
8	121	22	33	7.778	15.555	7.778
8	121	32	6	7.778	8.889	1.111
8	121	32	14	6.667	4.444	-2.222
8	121	32	17	11.111	15.555	4.444
8	121	32	25	2.222	3.333	1.111

TABLE 119. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	81	12	10	0.0	0.0	0.0
8	81	12	14	0.0	0.0	0.0
8	81	12	31	0.0	0.0	0.0
8	81	12	34	0.0	0.0	0.0
8	81	22	9	0.0	0.0	0.0
8	81	22	11	0.0	0.0	0.0
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
6	81	32	31	0.0	0.0	0.0
8	91	12	1	0.0	0.0	0.0
8	91	12	4	0.0	0.0	0.0
8	91	12	7	0.0	0.0	0.0
8	91	12	26	0.0	0.0	0.0
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	0.0	0.0
8	91	22	8	0.0	0.0	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	0.0	0.0
8	91	32	18	0.0	0.0	0.0
8	91	32	20	0.0	0.0	0.0
8	101	12	2	0.0	0.0	0.0
8	101	12	5	8.889	8.889	0.0
8	101	12	10	0.0	0.0	0.0
8	101	12	26	0.0	0.0	0.0
8	101	12	29	0.0	0.0	0.0
8	101	12	34	0.0	0.0	0.0
8	101	22	14	0.0	0.0	0.0
8	101	22	25	0.0	0.0	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	0.0	0.0
8	101	32	9	43.333	53.333	10.000
8	101	32	12	0.0	0.0	0.0
8	101	32	20	0.0	0.0	0.0
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	0.0	0.0
8	111	12	30	0.0	0.0	0.0
8	111	22	16	0.0	0.0	0.0
8	111	22	28	41.111	121.110	79.999
8	111	22	35	0.0	0.0	0.0
8	111	32	3	0.0	0.0	0.0
8	111	32	9	0.0	0.0	0.0
8	111	32	11	0.0	0.0	0.0
8	111	32	13	0.0	0.0	0.0
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 119. CONTINUED

WARREN COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	0.0	0.0	0.0
8	121	12	25	0.0	0.0	0.0
8	121	12	31	0.0	0.0	0.0
8	121	22	5	0.0	0.0	0.0
8	121	22	12	0.0	0.0	0.0
8	121	22	16	0.0	0.0	0.0
8	121	22	20	0.0	0.0	0.0
8	121	22	33	0.0	0.0	0.0
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	0.0	0.0	0.0
8	121	32	25	0.0	0.0	0.0

TABLE 120. SAMPLE SECTIONS AND LAND USE DATA

WARREN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	19 0	19 0	CHANGE
8	81	12	10	0.0	0.0	0.0
8	81	12	14	2.222	2.222	0.0
8	81	12	31	0.0	0.0	0.0
8	81	12	34	0.0	0.0	0.0
8	81	22	9	0.0	0.0	0.0
8	81	22	11	0.0	0.0	0.0
8	81	22	25	0.0	0.0	0.0
8	81	22	31	0.0	0.0	0.0
8	81	32	7	0.0	0.0	0.0
8	81	32	11	0.0	0.0	0.0
8	81	32	31	0.0	0.0	0.0
8	91	12	1	0.0	0.0	0.0
8	91	12	4	0.0	0.0	0.0
8	91	12	7	0.0	0.0	0.0
8	91	12	26	0.0	0.0	0.0
8	91	12	28	0.0	0.0	0.0
8	91	22	1	0.0	0.0	0.0
8	91	22	8	0.0	0.0	0.0
8	91	22	14	0.0	0.0	0.0
8	91	22	22	0.0	0.0	0.0
8	91	32	12	0.0	0.0	0.0
8	91	32	18	4.444	4.444	0.0
8	91	32	20	0.0	0.0	0.0
8	101	12	2	0.0	0.0	0.0
8	101	12	5	0.0	0.0	0.0
8	101	12	10	0.0	0.0	0.0
8	101	12	26	0.0	0.0	0.0
8	101	12	29	0.0	0.0	0.0
8	101	12	34	0.0	0.0	0.0
8	101	22	14	0.0	0.0	0.0
8	101	22	25	0.0	0.0	0.0
8	101	22	29	0.0	0.0	0.0
8	101	32	7	0.0	0.0	0.0
8	101	32	9	0.0	0.0	0.0
8	101	32	12	0.0	0.0	0.0
8	101	32	20	0.0	0.0	0.0
8	101	32	33	0.0	0.0	0.0
8	101	32	36	0.0	0.0	0.0
8	111	12	5	0.0	0.0	0.0
8	111	12	26	0.0	0.0	0.0
8	111	12	30	0.0	0.0	0.0
8	111	22	16	0.0	0.0	0.0
8	111	22	28	0.0	0.0	0.0
8	111	22	35	0.0	0.0	0.0
8	111	32	3	0.0	0.0	0.0
8	111	32	9	0.0	0.0	0.0
8	111	32	11	0.0	0.0	0.0
8	111	32	13	0.0	0.0	0.0
8	111	32	20	0.0	0.0	0.0
8	111	32	31	0.0	0.0	0.0

TABLE 120. CONTINUED

WARREN COUNTY				OTHER		
COUNTY	TWP	RNG	SECTION	1941	1969	CHANGE
8	111	32	33	0.0	0.0	0.0
8	121	12	4	0.0	0.0	0.0
8	121	12	8	0.0	0.0	0.0
8	121	12	14	0.0	0.0	0.0
8	121	12	25	0.0	0.0	0.0
8	121	12	31	0.0	0.0	0.0
8	121	22	5	0.0	0.0	0.0
8	121	22	12	0.0	0.0	0.0
8	121	22	16	0.0	0.0	0.0
8	121	22	20	0.0	0.0	0.0
8	121	22	33	0.0	0.0	0.0
8	121	32	6	0.0	0.0	0.0
8	121	32	14	0.0	0.0	0.0
8	121	32	17	0.0	0.0	0.0
8	121	32	25	0.0	0.0	0.0

TABLE 121. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	3.000	3.000	0.0
9	251	22	2	14.000	17.000	3.000
9	251	12	22	18.000	24.000	6.000
9	251	11	8	25.000	23.000	-2.000
9	251	11	18	17.000	17.000	0.0
9	251	11	21	23.000	24.000	1.000
9	261	22	14	9.000	10.000	1.000
9	261	22	26	11.000	18.000	7.000
9	261	12	12	8.000	8.000	0.0
9	261	12	21	16.000	12.000	-4.000
9	261	12	23	12.000	15.000	3.000
9	261	12	32	16.000	16.000	0.0
9	261	12	36	31.000	23.000	-8.000
9	261	11	3	18.000	21.000	3.000
9	261	11	20	18.000	13.000	-5.000
9	261	11	25	19.000	9.000	-10.000
9	261	11	32	12.000	18.000	6.000
9	261	21	6	12.000	8.000	-4.000
9	261	21	9	11.000	8.000	-3.000
9	261	21	18	13.000	6.000	-7.000
9	261	21	21	18.000	13.000	-5.000
9	271	42	25	17.000	13.000	-4.000
9	271	32	2	23.000	23.000	0.0
9	271	32	13	18.000	17.000	-1.000
9	271	32	20	17.000	28.000	11.000
9	271	32	25	10.000	8.000	-2.000
9	271	22	14	16.000	12.000	-4.000
9	271	22	31	19.000	11.000	-8.000
9	271	22	33	17.000	10.000	-7.000
9	271	22	35	14.000	11.000	-3.000
9	271	12	16	22.000	12.000	-10.000
9	271	12	26	15.000	6.000	-9.000
9	271	12	33	23.000	21.000	-2.000
9	271	11	5	14.000	10.000	-4.000
9	271	11	14	20.000	17.000	-3.000
9	271	11	26	10.000	12.000	2.000
9	271	11	28	21.000	22.000	1.000
9	271	21	11	12.000	14.000	2.000
9	271	21	18	21.000	20.000	-1.000
9	271	21	24	11.000	12.000	1.000
9	271	21	30	16.000	9.000	-7.000
9	271	21	32	15.000	21.000	6.000
9	271	21	34	13.000	10.000	-3.000
9	281	32	3	2.000	3.000	1.000
9	281	32	11	18.000	14.000	-4.000
9	281	32	21	19.000	32.000	13.000
9	281	32	31	14.000	18.000	4.000
9	281	32	36	18.000	15.000	-3.000
9	281	22	11	23.000	16.000	-7.000
9	281	22	16	15.000	11.000	-4.000

TABLE 121. CONTINUED

WOODFORD COUNTY				INTSP INDEX		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	21.000	17.000	-4.000
9	281	12	20	15.000	9.000	-6.000
9	281	11	19	24.000	21.000	-3.000
9	281	11	21	16.000	6.000	-10.000
9	281	11	24	19.000	14.000	-5.000
9	281	21	16	18.000	11.000	-7.000
9	281	21	18	17.000	17.000	0.0
9	281	21	34	16.000	12.000	-4.000

TABLE 122. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	3.333	21.111	17.778
9	251	22	2	618.883	619.994	1.111
9	251	12	22	506.662	478.884	-27.778
9	251	11	8	353.330	308.886	-44.444
9	251	11	18	138.887	201.109	62.222
9	251	11	21	434.440	438.885	4.445
9	261	22	14	605.550	597.772	-7.778
9	261	22	26	562.217	567.772	5.555
9	261	12	12	613.327	618.883	5.555
9	261	12	21	606.661	605.550	-1.111
9	261	12	23	539.995	562.217	22.222
9	261	12	32	462.218	408.885	-53.333
9	261	12	36	348.885	325.552	-23.333
9	261	11	3	531.106	539.995	8.889
9	261	11	20	369.996	396.663	26.666
9	261	11	25	603.327	621.105	17.778
9	261	11	32	473.329	448.884	-24.444
9	261	21	6	597.772	582.216	-15.555
9	261	21	9	608.883	607.772	-1.111
9	261	21	18	612.216	615.549	3.333
9	261	21	21	575.550	553.328	-22.222
9	271	42	25	395.552	376.663	-18.889
9	271	32	2	339.997	367.774	27.777
9	271	32	13	213.331	208.887	-4.444
9	271	32	20	348.885	337.774	-11.111
9	271	32	25	628.883	619.994	-8.889
9	271	22	14	621.105	616.660	-4.445
9	271	22	31	611.105	611.105	0.0
9	271	22	33	528.884	574.439	45.555
9	271	22	35	575.550	609.994	34.444
9	271	12	16	609.994	608.883	-1.111
9	271	12	26	617.771	621.105	3.333
9	271	12	33	592.216	594.438	2.222
9	271	11	5	589.994	607.772	17.778
9	271	11	14	552.217	552.217	0.0
9	271	11	26	275.553	326.663	51.111
9	271	11	28	347.774	377.774	30.000
9	271	21	11	601.105	615.549	14.444
9	271	21	18	533.328	548.883	15.555
9	271	21	24	609.994	609.994	0.0
9	271	21	30	586.661	594.438	7.778
9	271	21	32	516.661	542.217	25.555
9	271	21	34	612.216	604.438	-7.778
9	281	32	3	11.111	13.333	2.222
9	281	32	11	218.887	211.109	-7.778
9	281	32	21	306.664	394.440	87.777
9	281	32	31	205.553	205.553	0.0
9	281	32	36	476.662	527.772	51.111
9	281	22	11	586.661	595.550	8.889
9	281	22	16	416.662	514.439	97.777

TABLE 122. CONTINUED

WOODFORD COUNTY				FIELD CROP		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	517.772	564.439	46.666
9	281	12	20	592.216	605.550	13.333
9	281	11	19	595.550	601.105	5.555
9	281	11	21	611.105	614.438	3.333
9	281	11	24	603.327	602.216	-1.111
9	281	21	16	603.327	606.661	3.333
9	281	21	18	555.550	522.217	-33.333
9	281	21	34	603.327	617.771	14.444

TABLE 123. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	2.222	12.222	10.000
9	251	22	2	2.222	1.111	-1.111
9	251	12	22	54.444	18.889	-35.555
9	251	11	8	103.332	78.888	-24.444
9	251	11	18	374.441	43.333	-331.108
9	251	11	21	164.443	113.332	-51.111
9	261	22	14	14.444	14.444	0.0
9	261	22	26	58.888	51.111	-7.778
9	261	12	12	7.778	1.111	-6.667
9	261	12	21	2.222	0.0	-2.222
9	261	12	23	68.888	51.111	-17.778
9	261	12	32	137.776	138.887	1.111
9	261	12	36	194.443	156.665	-37.777
9	261	11	3	78.888	69.999	-8.889
9	261	11	20	238.887	172.221	-66.666
9	261	11	25	10.000	1.111	-8.889
9	261	11	32	77.777	23.333	-54.444
9	261	21	6	14.444	1.111	-13.333
9	261	21	9	5.556	0.0	-5.556
9	261	21	18	4.444	2.222	-2.222
9	261	21	21	40.000	58.888	18.889
9	271	42	25	208.887	55.555	-153.332
9	271	32	2	124.443	26.666	-97.777
9	271	32	13	155.554	6.667	-148.887
9	271	32	20	163.332	84.444	-78.888
9	271	32	25	0.0	0.0	0.0
9	271	22	14	4.444	1.111	-3.333
9	271	22	31	2.222	1.111	-1.111
9	271	22	33	87.777	40.000	-47.777
9	271	22	35	38.889	5.556	-33.333
9	271	12	16	3.333	10.000	6.667
9	271	12	26	5.556	1.111	-4.444
9	271	12	33	2.222	5.556	3.333
9	271	11	5	14.444	6.667	-7.778
9	271	11	14	63.333	69.999	6.667
9	271	11	26	246.664	133.332	-113.332
9	271	11	28	137.776	117.777	-20.000
9	271	21	11	15.555	7.778	-7.778
9	271	21	18	73.333	52.222	-21.111
9	271	21	24	2.222	6.667	4.444
9	271	21	30	35.555	23.333	-12.222
9	271	21	32	68.888	41.111	-27.777
9	271	21	34	5.556	3.333	-2.222
9	281	32	3	18.889	6.667	-12.222
9	281	32	11	178.887	31.111	-147.776
9	281	32	21	0.0	0.0	0.0
9	281	32	31	0.0	23.333	23.333
9	281	32	36	67.777	58.888	-8.889
9	281	22	11	4.444	1.111	-3.333
9	281	22	16	82.221	62.222	-20.000

TABLE 123. CONTINUED

WOODFORD COUNTY				PASTURE		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	92.221	53.333	-38.889
9	281	12	20	25.555	12.222	-13.333
9	281	11	19	17.778	11.111	-6.667
9	281	11	21	8.889	4.444	-4.444
9	281	11	24	14.444	3.333	-11.111
9	281	21	16	14.444	4.444	-10.000
9	281	21	18	23.333	2.222	-21.111
9	281	21	34	10.000	4.444	-5.556

TABLE 124. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	0.0	0.0
9	251	22	2	0.0	0.0	0.0
9	251	12	22	0.0	7.778	7.778
9	251	11	8	99.999	143.332	43.333
9	251	11	18	72.221	361.107	288.886
9	251	11	21	5.556	8.889	3.333
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	0.0	0.0
9	261	12	23	11.111	0.0	-11.111
9	261	12	32	11.111	25.555	14.444
9	261	12	36	28.889	56.666	27.778
9	261	11	3	0.0	0.0	0.0
9	261	11	20	0.0	8.889	8.889
9	261	11	25	2.222	0.0	-2.222
9	261	11	32	66.666	87.777	21.111
9	261	21	6	0.0	0.0	0.0
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	0.0	121.110	121.110
9	271	32	2	96.666	189.998	93.332
9	271	32	13	215.553	347.774	132.221
9	271	32	20	16.666	48.888	32.222
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	0.0	0.0	0.0
9	271	22	33	0.0	0.0	0.0
9	271	22	35	0.0	0.0	0.0
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	0.0	0.0	0.0
9	271	11	5	0.0	0.0	0.0
9	271	11	14	0.0	0.0	0.0
9	271	11	26	84.444	152.221	67.777
9	271	11	28	114.443	81.110	-33.333
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	0.0	0.0	0.0
9	271	21	34	0.0	0.0	0.0
9	281	32	3	28.889	27.777	-1.111
9	281	32	11	152.221	247.775	95.555
9	281	32	21	20.000	85.555	65.555
9	281	32	31	395.552	283.330	-112.221
9	281	32	36	31.111	17.778	-13.333
9	281	22	11	0.0	0.0	0.0
9	281	22	16	61.111	26.666	-34.444

TABLE 124. CONTINUED

WOODFORD COUNTY				FOREST		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	0.0	0.0	0.0
9	281	12	20	0.0	0.0	0.0
9	281	11	19	0.0	0.0	0.0
9	281	11	21	2.222	0.0	-2.222
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	0.0	0.0	0.0
9	281	21	34	0.0	0.0	0.0

TABLE 125. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	0.0	0.0
9	251	22	2	0.0	0.0	0.0
9	251	12	22	15.555	0.0	-15.555
9	251	11	8	0.0	0.0	0.0
9	251	11	18	0.0	0.0	0.0
9	251	11	21	3.333	0.0	-3.333
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	0.0	0.0
9	261	12	23	0.0	0.0	0.0
9	261	12	32	0.0	0.0	0.0
9	261	12	36	0.0	0.0	0.0
9	261	11	3	0.0	0.0	0.0
9	261	11	20	0.0	0.0	0.0
9	261	11	25	0.0	0.0	0.0
9	261	11	32	0.0	0.0	0.0
9	261	21	6	0.0	0.0	0.0
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	0.0	0.0	0.0
9	271	32	2	1.111	0.0	-1.111
9	271	32	13	0.0	0.0	0.0
9	271	32	20	4.444	0.0	-4.444
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	1.111	0.0	-1.111
9	271	22	33	0.0	0.0	0.0
9	271	22	35	2.222	0.0	-2.222
9	271	12	16	1.111	0.0	-1.111
9	271	12	26	0.0	0.0	0.0
9	271	12	33	0.0	0.0	0.0
9	271	11	5	0.0	0.0	0.0
9	271	11	14	0.0	0.0	0.0
9	271	11	26	0.0	0.0	0.0
9	271	11	28	0.0	0.0	0.0
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	0.0	0.0	0.0
9	271	21	34	0.0	0.0	0.0
9	281	32	3	0.0	0.0	0.0
9	281	32	11	0.0	0.0	0.0
9	281	32	21	0.0	0.0	0.0
9	281	32	31	0.0	0.0	0.0
9	281	32	36	0.0	0.0	0.0
9	281	22	11	0.0	0.0	0.0
9	281	22	16	1.111	0.0	-1.111

TABLE 125. CONTINUED

WOODFORD COUNTY				ORCHARD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	0.0	0.0	0.0
9	281	12	20	0.0	0.0	0.0
9	281	11	19	0.0	0.0	0.0
9	281	11	21	0.0	0.0	0.0
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	0.0	0.0	0.0
9	281	21	34	0.0	0.0	0.0

TABLE 126. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	0.0	0.0
9	251	22	2	0.0	0.0	0.0
9	251	12	22	0.0	7.778	7.778
9	251	11	8	55.555	66.666	11.111
9	251	11	18	46.666	31.111	-15.555
9	251	11	21	0.0	41.111	41.111
9	261	22	14	1.111	4.444	3.333
9	261	22	26	3.333	0.0	-3.333
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	4.444	4.444
9	261	12	23	0.0	0.0	0.0
9	261	12	32	0.0	31.111	31.111
9	261	12	36	28.889	59.999	31.111
9	261	11	3	0.0	5.556	5.556
9	261	11	20	11.111	42.222	31.111
9	261	11	25	0.0	0.0	0.0
9	261	11	32	2.222	53.333	51.111
9	261	21	6	0.0	0.0	0.0
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	8.889	25.555	16.666
9	271	32	2	41.111	27.777	-13.333
9	271	32	13	31.111	54.444	23.333
9	271	32	20	61.111	129.999	68.888
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	0.0	0.0	0.0
9	271	22	33	0.0	5.556	5.556
9	271	22	35	1.111	0.0	-1.111
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	0.0	8.889	8.889
9	271	11	5	0.0	0.0	0.0
9	271	11	14	2.222	0.0	-2.222
9	271	11	26	6.667	4.444	-2.222
9	271	11	28	5.556	33.333	27.777
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	0.0	0.0	0.0
9	271	21	34	0.0	0.0	0.0
9	281	32	3	0.0	0.0	0.0
9	281	32	11	67.777	112.221	44.444
9	281	32	21	0.0	0.0	0.0
9	281	32	31	13.333	4.444	-8.889
9	281	32	36	47.777	14.444	-33.333
9	281	22	11	0.0	0.0	0.0
9	281	22	16	56.666	16.666	-40.000

TABLE 126. CONTINUED

WOODFORD COUNTY				OLD-FIELD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	1.111	1.111	0.0
9	281	12	20	1.111	0.0	-1.111
9	281	11	19	0.0	0.0	0.0
9	281	11	21	0.0	0.0	0.0
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	0.0	18.889	18.889
9	281	21	34	0.0	0.0	0.0

TABLE 127. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	2.222	2.222
9	251	22	2	1.111	0.0	-1.111
9	251	12	22	11.111	18.889	7.778
9	251	11	8	13.333	30.000	16.666
9	251	11	18	2.222	1.111	-1.111
9	251	11	21	13.333	14.444	1.111
9	261	22	14	2.222	2.222	0.0
9	261	22	26	0.0	6.667	6.667
9	261	12	12	3.333	0.0	-3.333
9	261	12	21	4.444	3.333	-1.111
9	261	12	23	1.111	4.444	3.333
9	261	12	32	16.666	18.889	2.222
9	261	12	36	18.889	24.444	5.555
9	261	11	3	2.222	3.333	1.111
9	261	11	20	6.667	2.222	-4.444
9	261	11	25	7.778	0.0	-7.778
9	261	11	32	7.778	5.556	-2.222
9	261	21	6	2.222	0.0	-2.222
9	261	21	9	1.111	0.0	-1.111
9	261	21	18	5.556	1.111	-4.444
9	261	21	21	1.111	2.222	1.111
9	271	42	25	6.667	17.778	11.111
9	271	32	2	21.111	10.000	-11.111
9	271	32	13	3.333	8.889	5.556
9	271	32	20	25.555	22.222	-3.333
9	271	32	25	3.333	0.0	-3.333
9	271	22	14	3.333	0.0	-3.333
9	271	22	31	1.111	0.0	-1.111
9	271	22	33	3.333	4.444	1.111
9	271	22	35	4.444	0.0	-4.444
9	271	12	16	1.111	1.111	0.0
9	271	12	26	4.444	1.111	-3.333
9	271	12	33	5.556	0.0	-5.556
9	271	11	5	6.667	1.111	-5.556
9	271	11	14	8.889	1.111	-7.778
9	271	11	26	4.444	3.333	-1.111
9	271	11	28	12.222	3.333	-8.889
9	271	21	11	3.333	0.0	-3.333
9	271	21	18	15.555	3.333	-12.222
9	271	21	24	11.111	3.333	-7.778
9	271	21	30	0.0	0.0	0.0
9	271	21	32	3.333	5.556	2.222
9	271	21	34	3.333	4.444	1.111
9	281	32	3	0.0	4.444	4.444
9	281	32	11	6.667	13.333	6.667
9	281	32	21	26.666	15.555	-11.111
9	281	32	31	2.222	8.889	6.667
9	281	32	36	6.667	1.111	-5.556
9	281	22	11	1.111	0.0	-1.111
9	281	22	16	4.444	1.111	-3.333

TABLE 127. CONTINUED

WOODFORD COUNTY				HEDGEROW		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	5.556	0.0	-5.556
9	281	12	20	5.556	0.0	-5.556
9	281	11	19	3.333	2.222	-1.111
9	281	11	21	2.222	1.111	-1.111
9	281	11	24	3.333	1.111	-2.222
9	281	21	16	3.333	2.222	-1.111
9	281	21	18	3.333	0.0	-3.333
9	281	21	34	3.333	0.0	-3.333

TABLE 128. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	144.443	81.110	-63.333
9	251	22	2	0.0	0.0	0.0
9	251	12	22	0.0	0.0	0.0
9	251	11	8	0.0	0.0	0.0
9	251	11	18	0.0	0.0	0.0
9	251	11	21	0.0	0.0	0.0
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	0.0	0.0
9	261	12	23	0.0	0.0	0.0
9	261	12	32	0.0	0.0	0.0
9	261	12	36	0.0	0.0	0.0
9	261	11	3	0.0	0.0	0.0
9	261	11	20	0.0	0.0	0.0
9	261	11	25	0.0	0.0	0.0
9	261	11	32	0.0	0.0	0.0
9	261	21	6	0.0	0.0	0.0
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	0.0	0.0	0.0
9	271	32	2	0.0	0.0	0.0
9	271	32	13	0.0	0.0	0.0
9	271	32	20	0.0	0.0	0.0
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	0.0	0.0	0.0
9	271	22	33	0.0	0.0	0.0
9	271	22	35	0.0	0.0	0.0
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	0.0	0.0	0.0
9	271	11	5	0.0	0.0	0.0
9	271	11	14	0.0	0.0	0.0
9	271	11	26	0.0	0.0	0.0
9	271	11	28	0.0	0.0	0.0
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	0.0	0.0	0.0
9	271	21	34	0.0	0.0	0.0
9	281	32	3	576.661	385.552	-191.109
9	281	32	11	0.0	0.0	0.0
9	281	32	21	235.553	95.555	-139.999
9	281	32	31	11.111	95.555	84.444
9	281	32	36	0.0	0.0	0.0
9	281	22	11	0.0	0.0	0.0
9	281	22	16	0.0	0.0	0.0

TABLE 128. CONTINUED

WOODFORD COUNTY				WETLAND		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	0.0	0.0	0.0
9	281	12	20	0.0	0.0	0.0
9	281	11	19	0.0	0.0	0.0
9	281	11	21	0.0	0.0	0.0
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	0.0	0.0	0.0
9	281	21	34	0.0	0.0	0.0

TABLE 129. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	0.0	0.0
9	251	22	2	3.333	3.333	0.0
9	251	12	22	4.444	2.222	-2.222
9	251	11	8	5.556	3.333	-2.222
9	251	11	18	0.0	0.0	0.0
9	251	11	21	6.667	7.778	1.111
9	261	22	14	0.0	2.222	2.222
9	261	22	26	3.333	4.444	1.111
9	261	12	12	4.444	4.444	0.0
9	261	12	21	4.444	5.556	1.111
9	261	12	23	3.333	6.667	3.333
9	261	12	32	4.444	3.333	-1.111
9	261	12	36	3.333	3.333	0.0
9	261	11	3	4.444	3.333	-1.111
9	261	11	20	2.222	2.222	0.0
9	261	11	25	5.556	6.667	1.111
9	261	11	32	2.222	3.333	1.111
9	261	21	6	5.556	6.667	1.111
9	261	21	9	6.667	6.667	0.0
9	261	21	18	3.333	3.333	0.0
9	261	21	21	8.889	7.778	-1.111
9	271	42	25	5.556	6.667	1.111
9	271	32	2	2.222	1.111	-1.111
9	271	32	13	4.444	3.333	-1.111
9	271	32	20	1.111	6.667	5.556
9	271	32	25	1.111	1.111	0.0
9	271	22	14	3.333	3.333	0.0
9	271	22	31	1.111	2.222	1.111
9	271	22	33	5.556	2.222	-3.333
9	271	22	35	6.667	5.556	-1.111
9	271	12	16	6.667	4.444	-2.222
9	271	12	26	3.333	4.444	1.111
9	271	12	33	6.667	4.444	-2.222
9	271	11	5	6.667	4.444	-2.222
9	271	11	14	4.444	3.333	-1.111
9	271	11	26	8.889	7.778	-1.111
9	271	11	28	6.667	7.778	1.111
9	271	21	11	10.000	4.444	-5.556
9	271	21	18	5.556	5.556	0.0
9	271	21	24	6.667	1.111	-5.556
9	271	21	30	3.333	7.778	4.444
9	271	21	32	3.333	2.222	-1.111
9	271	21	34	4.444	5.556	1.111
9	281	32	3	1.111	0.0	-1.111
9	281	32	11	2.222	2.222	0.0
9	281	32	21	0.0	0.0	0.0
9	281	32	31	1.111	5.556	4.444
9	281	32	36	2.222	5.556	3.333
9	281	22	11	4.444	1.111	-3.333
9	281	22	16	5.556	4.444	-1.111

TABLE 129. CONTINUED

WOODFORD COUNTY				BUILDINGS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	7.778	4.444	-3.333
9	281	12	20	8.889	5.556	-3.333
9	281	11	19	6.667	4.444	-2.222
9	281	11	21	3.333	5.556	2.222
9	281	11	24	5.556	6.667	1.111
9	281	21	16	5.556	6.667	1.111
9	281	21	18	7.778	2.222	-5.556
9	281	21	34	6.667	2.222	-4.444

TABLE 130. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	1.111	1.111
9	251	22	2	6.667	8.889	2.222
9	251	12	22	2.222	28.889	26.666
9	251	11	8	5.556	4.444	-1.111
9	251	11	18	3.333	0.0	-3.333
9	251	11	21	5.556	7.778	2.222
9	261	22	14	8.889	8.889	0.0
9	261	22	26	4.444	6.667	2.222
9	261	12	12	4.444	6.667	2.222
9	261	12	21	12.222	7.778	-4.444
9	261	12	23	8.889	12.222	3.333
9	261	12	32	4.444	2.222	-2.222
9	261	12	36	12.222	7.778	-4.444
9	261	11	3	10.000	6.667	-3.333
9	261	11	20	6.667	4.444	-2.222
9	261	11	25	2.222	5.556	3.333
9	261	11	32	5.556	10.000	4.444
9	261	21	6	4.444	8.889	4.444
9	261	21	9	7.778	7.778	0.0
9	261	21	18	4.444	11.111	6.667
9	261	21	21	4.444	7.778	3.333
9	271	42	25	5.556	4.444	-1.111
9	271	32	2	4.444	8.889	4.444
9	271	32	13	4.444	5.556	1.111
9	271	32	20	8.889	6.667	-2.222
9	271	32	25	2.222	5.556	3.333
9	271	22	14	0.0	8.889	8.889
9	271	22	31	4.444	4.444	0.0
9	271	22	33	7.778	6.667	-1.111
9	271	22	35	3.333	8.889	5.556
9	271	12	16	10.000	5.556	-4.444
9	271	12	26	2.222	6.667	4.444
9	271	12	33	11.111	2.222	-8.889
9	271	11	5	6.667	4.444	-2.222
9	271	11	14	4.444	6.667	2.222
9	271	11	26	3.333	7.778	4.444
9	271	11	28	3.333	8.889	5.556
9	271	21	11	3.333	3.333	0.0
9	271	21	18	1.111	10.000	8.889
9	271	21	24	1.111	8.889	7.778
9	271	21	30	7.778	5.556	-2.222
9	271	21	32	4.444	11.111	6.667
9	271	21	34	3.333	6.667	3.333
9	281	32	3	3.333	0.0	-3.333
9	281	32	11	7.778	13.333	5.556
9	281	32	21	10.000	7.778	-2.222
9	281	32	31	5.556	10.000	4.444
9	281	32	36	2.222	4.444	2.222
9	281	22	11	14.444	20.000	5.556
9	281	22	16	6.667	7.778	1.111

TABLE 130. CONTINUED

WOODFORD COUNTY				ROADS		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	7.778	6.667	-1.111
9	281	12	20	6.667	8.889	2.222
9	281	11	19	6.667	10.000	3.333
9	281	11	21	8.889	7.778	-1.111
9	281	11	24	2.222	5.556	3.333
9	281	21	16	2.222	13.333	11.111
9	281	21	18	7.778	23.333	15.555
9	281	21	34	7.778	10.000	2.222

TABLE 131. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	0.0	0.0
9	251	22	2	0.0	0.0	0.0
9	251	12	22	0.0	0.0	0.0
9	251	11	8	0.0	0.0	0.0
9	251	11	18	0.0	0.0	0.0
9	251	11	21	0.0	0.0	0.0
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	2.222	1.111	-1.111
9	261	12	21	0.0	0.0	0.0
9	261	12	23	0.0	0.0	0.0
9	261	12	32	0.0	0.0	0.0
9	261	12	36	0.0	0.0	0.0
9	261	11	3	5.556	5.556	0.0
9	261	11	20	0.0	0.0	0.0
9	261	11	25	0.0	0.0	0.0
9	261	11	32	0.0	0.0	0.0
9	261	21	6	4.444	3.333	-1.111
9	261	21	9	2.222	1.111	-1.111
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	0.0	0.0	0.0
9	271	32	2	0.0	0.0	0.0
9	271	32	13	0.0	0.0	0.0
9	271	32	20	0.0	0.0	0.0
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	5.556	6.667	1.111
9	271	22	33	0.0	0.0	0.0
9	271	22	35	0.0	0.0	0.0
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	5.556	4.444	-1.111
9	271	11	5	3.333	2.222	-1.111
9	271	11	14	0.0	0.0	0.0
9	271	11	26	0.0	0.0	0.0
9	271	11	28	0.0	0.0	0.0
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	7.778	6.667	-1.111
9	271	21	34	0.0	0.0	0.0
9	281	32	3	0.0	0.0	0.0
9	281	32	11	0.0	0.0	0.0
9	281	32	21	0.0	0.0	0.0
9	281	32	31	0.0	0.0	0.0
9	281	32	36	0.0	0.0	0.0
9	281	22	11	4.444	4.444	0.0
9	281	22	16	0.0	0.0	0.0

TABLE 131. CONTINUED

WOODFORD COUNTY				RAILROAD		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	0.0	0.0	0.0
9	281	12	20	0.0	0.0	0.0
9	281	11	19	0.0	0.0	0.0
9	281	11	21	0.0	0.0	0.0
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	6.667	4.444	-2.222
9	281	21	34	0.0	0.0	0.0

TABLE 132. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	1.111	1.111
9	251	22	2	1.111	1.111	0.0
9	251	12	22	0.0	0.0	0.0
9	251	11	8	1.111	1.111	0.0
9	251	11	18	0.0	0.0	0.0
9	251	11	21	0.0	0.0	0.0
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	0.0	0.0
9	261	12	23	0.0	0.0	0.0
9	261	12	32	1.111	2.222	1.111
9	261	12	36	0.0	2.222	2.222
9	261	11	3	0.0	0.0	0.0
9	261	11	20	0.0	0.0	0.0
9	261	11	25	0.0	0.0	0.0
9	261	11	32	0.0	0.0	0.0
9	261	21	6	0.0	0.0	0.0
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	2.222	1.111	-1.111
9	271	42	25	3.333	2.222	-1.111
9	271	32	2	5.556	2.222	-3.333
9	271	32	13	10.000	0.0	-10.000
9	271	32	20	6.667	1.111	-5.556
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	0.0	0.0	0.0
9	271	22	33	0.0	0.0	0.0
9	271	22	35	0.0	1.111	1.111
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	1.111	1.111	0.0
9	271	11	5	5.556	2.222	-3.333
9	271	11	14	1.111	5.556	4.444
9	271	11	26	2.222	0.0	-2.222
9	271	11	28	4.444	0.0	-4.444
9	271	21	11	0.0	0.0	0.0
9	271	21	18	7.778	4.444	-3.333
9	271	21	24	1.111	5.556	4.444
9	271	21	30	0.0	0.0	0.0
9	271	21	32	4.444	4.444	0.0
9	271	21	34	1.111	3.333	2.222
9	281	32	3	0.0	198.887	198.887
9	281	32	11	0.0	0.0	0.0
9	281	32	21	41.111	34.444	-6.667
9	281	32	31	0.0	0.0	0.0
9	281	32	36	0.0	2.222	2.222
9	281	22	11	0.0	1.111	1.111
9	281	22	16	0.0	0.0	0.0

TABLE 132. CONTINUED

WOODFORD COUNTY				WATER		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	0.0	2.222	2.222
9	281	12	20	0.0	0.0	0.0
9	281	11	19	1.111	0.0	-1.111
9	281	11	21	0.0	0.0	0.0
9	281	11	24	1.111	3.333	2.222
9	281	21	16	0.0	0.0	0.0
9	281	21	18	0.0	0.0	0.0
9	281	21	34	1.111	0.0	-1.111

TABLE 133. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	0.0	0.0	0.0
9	251	22	2	6.667	5.556	-1.111
9	251	12	22	5.556	8.889	3.333
9	251	11	8	2.222	3.333	1.111
9	251	11	18	2.222	2.222	0.0
9	251	11	21	6.667	7.778	1.111
9	261	22	14	7.778	10.000	2.222
9	261	22	26	7.778	3.333	-4.444
9	261	12	12	4.444	7.778	3.333
9	261	12	21	10.000	13.333	3.333
9	261	12	23	6.667	3.333	-3.333
9	261	12	32	2.222	8.889	6.667
9	261	12	36	4.444	3.333	-1.111
9	261	11	3	7.778	5.556	-2.222
9	261	11	20	4.444	11.111	6.667
9	261	11	25	8.889	5.556	-3.333
9	261	11	32	4.444	7.778	3.333
9	261	21	6	11.111	8.889	-2.222
9	261	21	9	7.778	16.666	8.889
9	261	21	18	10.000	6.667	-3.333
9	261	21	21	7.778	8.889	1.111
9	271	42	25	5.556	2.222	-3.333
9	271	32	2	3.333	5.556	2.222
9	271	32	13	2.222	4.444	2.222
9	271	32	20	3.333	2.222	-1.111
9	271	32	25	4.444	13.333	8.889
9	271	22	14	7.778	10.000	2.222
9	271	22	31	13.333	14.444	1.111
9	271	22	33	6.667	6.667	0.0
9	271	22	35	7.778	8.889	1.111
9	271	12	16	7.778	10.000	2.222
9	271	12	26	6.667	5.556	-1.111
9	271	12	33	15.555	18.889	3.333
9	271	11	5	6.667	11.111	4.444
9	271	11	14	3.333	1.111	-2.222
9	271	11	26	7.778	4.444	-3.333
9	271	11	28	7.778	10.000	2.222
9	271	21	11	6.667	8.889	2.222
9	271	21	18	3.333	15.555	12.222
9	271	21	24	7.778	4.444	-3.333
9	271	21	30	6.667	8.889	2.222
9	271	21	32	30.000	24.444	-5.555
9	271	21	34	10.000	12.222	2.222
9	281	32	3	0.0	3.333	3.333
9	281	32	11	5.556	8.889	3.333
9	281	32	21	0.0	6.667	6.667
9	281	32	31	5.556	3.333	-2.222
9	281	32	36	5.556	7.778	2.222
9	281	22	11	24.444	16.666	-7.778
9	281	22	16	5.556	6.667	1.111

TABLE 133. CONTINUED

WOODFORD COUNTY				RIGHT-OF-WAY		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	7.778	7.778	0.0
9	281	12	20	0.0	7.778	7.778
9	281	11	19	8.889	11.111	2.222
9	281	11	21	3.333	6.667	3.333
9	281	11	24	10.000	17.778	7.778
9	281	21	16	11.111	6.667	-4.444
9	281	21	18	15.555	23.333	7.778
9	281	21	34	7.778	5.556	-2.222

TABLE 134. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	271	42	2	35.555	58.888	23.333
9	251	22	2	0.0	0.0	0.0
9	251	12	22	40.000	67.777	27.777
9	251	11	8	0.0	0.0	0.0
9	251	11	18	0.0	0.0	0.0
9	251	11	21	0.0	0.0	0.0
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	0.0	0.0
9	261	12	23	0.0	0.0	0.0
9	261	12	32	0.0	0.0	0.0
9	261	12	36	0.0	0.0	0.0
9	261	11	3	0.0	0.0	0.0
9	261	11	20	0.0	0.0	0.0
9	261	11	25	0.0	0.0	0.0
9	261	11	32	0.0	0.0	0.0
9	261	21	6	0.0	28.889	28.889
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	0.0	27.777	27.777
9	271	32	2	0.0	0.0	0.0
9	271	32	13	0.0	0.0	0.0
9	271	32	20	0.0	0.0	0.0
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	0.0	0.0	0.0
9	271	22	33	0.0	0.0	0.0
9	271	22	35	0.0	0.0	0.0
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	0.0	0.0	0.0
9	271	11	5	0.0	0.0	0.0
9	271	11	14	0.0	0.0	0.0
9	271	11	26	0.0	0.0	0.0
9	271	11	28	0.0	0.0	0.0
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	0.0	0.0	0.0
9	271	21	34	0.0	0.0	0.0
9	281	32	3	0.0	0.0	0.0
9	281	32	11	0.0	0.0	0.0
9	281	32	21	0.0	0.0	0.0
9	281	32	31	0.0	0.0	0.0
9	281	32	36	0.0	0.0	0.0
9	281	22	11	0.0	0.0	0.0
9	281	22	16	0.0	0.0	0.0

TABLE 134. CONTINUED

WOODFORD COUNTY				URBAN		
COUNTY	TWP	RNG	SECTION	1939	1969	CHANGE
9	281	12	2	0.0	0.0	0.0
9	281	12	20	0.0	0.0	0.0
9	281	11	19	0.0	0.0	0.0
9	281	11	21	0.0	0.0	0.0
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	20.000	43.333	23.333
9	281	21	34	0.0	0.0	0.0

TABLE 135. SAMPLE SECTIONS AND LAND USE DATA

WOODFORD COUNTY				OTHER		CHANGE
COUNTY	TWP	RNG	SECTION	1939	1969	
9	271	42	2	454.440	462.218	7.778
9	251	22	2	0.0	0.0	0.0
9	251	12	22	0.0	0.0	0.0
9	251	11	8	0.0	0.0	0.0
9	251	11	18	0.0	0.0	0.0
9	251	11	21	0.0	0.0	0.0
9	261	22	14	0.0	0.0	0.0
9	261	22	26	0.0	0.0	0.0
9	261	12	12	0.0	0.0	0.0
9	261	12	21	0.0	0.0	0.0
9	261	12	23	0.0	0.0	0.0
9	261	12	32	0.0	0.0	0.0
9	261	12	36	0.0	0.0	0.0
9	261	11	3	0.0	0.0	0.0
9	261	11	20	0.0	0.0	0.0
9	261	11	25	0.0	0.0	0.0
9	261	11	32	0.0	0.0	0.0
9	261	21	6	0.0	0.0	0.0
9	261	21	9	0.0	0.0	0.0
9	261	21	18	0.0	0.0	0.0
9	261	21	21	0.0	0.0	0.0
9	271	42	25	0.0	0.0	0.0
9	271	32	2	0.0	0.0	0.0
9	271	32	13	0.0	0.0	0.0
9	271	32	20	0.0	0.0	0.0
9	271	32	25	0.0	0.0	0.0
9	271	22	14	0.0	0.0	0.0
9	271	22	31	0.0	0.0	0.0
9	271	22	33	0.0	0.0	0.0
9	271	22	35	0.0	0.0	0.0
9	271	12	16	0.0	0.0	0.0
9	271	12	26	0.0	0.0	0.0
9	271	12	33	0.0	0.0	0.0
9	271	11	5	0.0	0.0	0.0
9	271	11	14	0.0	0.0	0.0
9	271	11	26	0.0	0.0	0.0
9	271	11	28	0.0	0.0	0.0
9	271	21	11	0.0	0.0	0.0
9	271	21	18	0.0	0.0	0.0
9	271	21	24	0.0	0.0	0.0
9	271	21	30	0.0	0.0	0.0
9	271	21	32	1.111	2.222	1.111
9	271	21	34	0.0	0.0	0.0
9	281	32	3	0.0	0.0	0.0
9	281	32	11	0.0	0.0	0.0
9	281	32	21	0.0	0.0	0.0
9	281	32	31	0.0	0.0	0.0
9	281	32	36	0.0	0.0	0.0
9	281	22	11	0.0	0.0	0.0
9	281	22	16	0.0	0.0	0.0

TABLE 135. CONTINUED

WOODFORD COUNTY				OTHER		CHANGE
COUNTY	TWP	RNG	SECTION	1939	1969	
9	281	12	2	0.0	0.0	0.0
9	281	12	20	0.0	0.0	0.0
9	281	11	19	0.0	0.0	0.0
9	281	11	21	0.0	0.0	0.0
9	281	11	24	0.0	0.0	0.0
9	281	21	16	0.0	0.0	0.0
9	281	21	18	0.0	0.0	0.0
9	281	21	34	0.0	0.0	0.0

APPENDIX B

CROP REPORTING SERVICE DATA

FOR INDIVIDUAL COUNTIES

TABLE 1. SUMMARY OF FARM ACREAGE IN BROWN COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	LOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1094	1755	325	19	238	103	106	****	944	45	0
1939	1097	1794	289	27	209	106	121	****	979	66	0
1940	1080	1810	275	33	173	154	134	****	953	44	0
1941	1068	1849	287	45	193	101	183	****	983	67	0
1942	1046	1850	285	66	177	104	165	****	966	66	0
1943	1001	1858	316	80	170	114	119	****	966	78	0
1944	966	1882	364	98	108	123	153	****	940	74	0
1945	1017	1811	291	97	184	114	129	****	918	79	0
1946	997	1810	332	87	182	111	119	****	918	73	0
1947	965	1801	259	104	151	95	156	****	922	55	0
1948	989	1828	359	70	213	89	140	****	901	62	0
1949	987	1796	356	92	244	78	109	****	907	64	0
1950	998	1835	276	112	188	140	108	****	955	54	0
1951	963	1804	324	110	179	119	86	498	444	52	0
1952	974	1817	341	143	187	127	110	381	473	39	0
1953	935	1791	334	141	221	120	119	628	233	56	0
1954	840	1689	337	136	200	110	123	603	309	33	0
1955	896	1820	343	147	209	102	121	670	193	41	0
1956	887	1786	326	132	199	144	118	659	236	35	0
1957	836	1787	291	168	177	98	134	733	196	14	0
1958	856	1801	274	166	175	122	143	741	210	18	0
1959	800	1844	332	146	153	105	97	681	229	17	0
1960	750	1751	334	158	134	110	112	646	238	16	0
1961	715	1740	286	179	145	89	95	504	409	11	87
1962	674	1714	275	176	122	101	90	600	300	16	103
1963	655	1664	297	176	126	99	95	497	354	17	64
1964	630	1646	308	197	136	95	92	522	347	6	66
1965	616	1702	295	196	102	99	71	582	302	16	78
1966	605	1651	304	186	94	96	94	498	376	13	77
1967	589	1683	330	210	95	79	84	706	172	14	44
1968	590	1702	310	246	61	82	75	628	292	15	93
1969	587	1718	278	241	79	76	85	660	261	13	109
1970	550	1676	274	229	75	89	80	623	288	14	104
1971	542	1681	272	264	56	82	93	607	211	3	78
1972	512	1592	259	286	66	84	86	600	221	19	128
1973	476	1602	258	316	72	108	****	****	****	****	24

* ILLINOIS COOPERATIVE CROP REPORTING SERVICE. 1938-1972. ILLINOIS AGRICULTURAL STATISTICS, ASSESSORS ANNUAL FARM CENSUS. ILL. DEPT. AGRIC.-USDA
 ----- 1951. ILLINOIS AGRICULTURAL STATISTICS. CIRCULAR 446, COUNTY ESTIMATES TWENTY YEARS ENDING JAN. 1, 1945. ILL. DEPT. AGRIC.-USDA 305PP.
 ----- 1968. ILLINOIS AGRICULTURAL STATISTICS. FIELD CROPS BY COUNTY, TWENTY-ONE YEARS, 1945-1965 ILL. DEPT. AGRIC.-USDA 155PP.
 ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1973. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. USDA

** NUMBER OF TREES X 100

***** MISSING DATA, OR INCOMPLETE RECORD

TABLE 2. SUMMARY OF FARM ACREAGE IN CHRISTIAN COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	LOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	2468	4257	1083	864	962	248	434	****	450	53	0
1939	2397	4133	1004	982	853	218	438	****	480	43	0
1940	2437	4218	983	1023	756	380	469	****	467	93	0
1941	2365	4221	1013	1108	789	267	399	****	537	114	0
1942	2364	4234	1000	1340	466	309	366	****	565	187	0
1943	2322	4349	1099	1554	521	186	354	****	552	205	0
1944	2261	4316	1187	1410	533	225	376	****	493	158	0
1945	2242	4322	947	1703	580	177	281	****	578	109	0
1946	2232	4253	1189	1292	678	223	286	****	551	122	0
1947	2232	4297	1109	1342	639	257	233	****	612	89	0
1948	2245	4290	1267	1072	883	239	243	****	562	97	0
1949	2220	4215	1275	980	976	172	152	****	660	67	0
1950	2152	4220	1151	1148	832	283	152	****	639	55	0
1951	2077	4205	1321	1046	826	236	159	126	466	63	0
1952	2102	4179	1339	1004	891	246	219	310	185	57	0
1953	2028	4164	1401	1030	853	208	148	406	183	65	0
1954	2111	4166	1328	1219	717	196	197	390	168	88	0
1955	2090	4162	1297	1255	730	156	148	423	184	100	0
1956	2053	4194	1178	1450	684	147	119	390	254	77	0
1957	1988	4174	1003	1442	689	199	122	344	357	34	0
1958	1836	4115	1106	1384	490	166	119	343	356	19	0
1959	1772	4107	1465	1213	732	179	64	380	238	36	0
1960	1745	4148	1514	1283	560	141	76	336	223	36	0
1961	1673	4141	1189	1296	546	139	77	387	431	33	329
1962	1590	4070	1243	1346	525	135	51	383	437	29	322
1963	1575	4127	1321	1312	547	118	70	319	376	19	215
1964	1480	4073	1375	1312	505	106	49	273	420	26	225
1965	1440	4045	1454	1288	405	82	26	248	396	17	234
1966	1322	3903	1669	1310	353	82	18	207	393	15	200
1967	1341	3972	1681	1285	372	59	23	173	380	44	129
1968	1353	3997	1581	1400	268	51	21	202	430	13	229
1969	1323	3980	1463	1443	268	51	21	254	461	17	316
1970	1258	3972	1574	1451	207	57	67	674	543	14	270
1971	1261	4174	1603	1484	200	54	23	213	543	1	367
1972	1163	3983	1490	1553	171	39	24	226	509	10	492
1973	1147	4012	1567	2075	188	40	****	****	****	****	46

* ILLINOIS COOPERATIVE CROP REPORTING SERVICE. 1938-1972. ILLINOIS AGRICULTURAL STATISTICS, ASSESSORS ANNUAL FARM CENSUS. ILL. DEPT. AGRIC.-USDA

----- 1951. ILLINOIS AGRICULTURAL STATISTICS. CIRCULAR 446, COUNTY ESTIMATES TWENTY YEARS ENDING JAN. 1, 1945. ILL. DEPT. AGRIC.-USDA 305PP.

----- 1968. ILLINOIS AGRICULTURAL STATISTICS. FIELD CROPS BY COUNTY, TWENTY-ONE YEARS, 1945-1965 ILL. DEPT. AGRIC.-USDA 155PP.

ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1973. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. USDA

** NUMBER OF TREES X 100

***** MISSING DATA, OR INCOMPLETE RECORD

TABLE 3. SUMMARY OF FARM ACREAGE IN DE WITT COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1411	2411	885	353	402	121	123	****	389	36	0
1939	1415	2412	817	458	300	117	121	****	445	27	0
1940	1435	2422	777	486	257	187	114	****	472	49	0
1941	1397	2419	770	511	326	138	147	****	443	68	0
1942	1396	2396	768	627	261	144	96	****	463	90	0
1943	1334	2413	840	652	239	111	77	****	471	82	0
1944	1316	2400	881	641	196	133	85	****	431	80	0
1945	1323	2419	848	715	215	104	98	****	422	87	0
1946	1311	2421	929	535	285	141	39	****	483	85	0
1947	1354	2427	916	535	299	141	43	****	482	85	0
1948	1338	2422	922	477	361	145	37	****	468	86	0
1949	1331	2427	961	447	410	101	47	****	468	73	0
1950	1274	2413	785	546	404	159	46	****	455	61	0
1951	1214	2359	855	453	374	181	83	202	200	44	0
1952	1222	2390	872	417	384	193	99	295	99	28	0
1953	1166	2342	909	418	389	189	90	293	79	19	0
1954	****	****	855	534	373	164	85	340	51	26	0
1955	1176	2403	841	532	358	165	110	292	57	28	0
1956	1132	2355	754	637	354	146	93	277	112	24	0
1957	1127	2358	688	653	341	179	97	275	125	2	0
1958	1130	2405	792	642	345	156	65	300	118	3	0
1959	1065	2418	958	569	290	215	61	274	97	0	0
1960	1014	2382	1013	570	268	137	31	266	104	0	0
1961	1011	2392	768	632	207	112	86	244	295	0	219
1962	965	2352	780	627	198	112	60	245	314	0	216
1963	929	2347	830	620	196	105	55	244	280	0	165
1964	916	2330	878	658	534	95	47	247	267	0	167
1965	893	2371	944	694	107	81	36	212	281	0	163
1966	864	2357	1033	661	93	75	32	159	306	1	132
1967	858	2365	1048	688	60	60	24	185	222	0	83
1968	865	2331	936	779	38	50	18	146	342	0	175
1969	822	2349	888	786	65	42	18	145	379	0	214
1970	802	2328	944	784	54	45	11	164	374	0	183
1971	782	2405	951	833	48	42	13	149	376	0	186
1972	768	2383	936	821	36	43	8	182	343	0	268
1973	708	2366	981	972	44	51	****	****	****	****	36

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 ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1973. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. USDA

** NUMBER OF TREES X 100

***** MISSING DATA, OR INCOMPLETE RECORD

TABLE 4. SUMMARY OF FARM ACREAGE IN DOUGLAS COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1366	2457	859	582	364	140	151	****	238	57	0
1939	1351	2506	787	678	302	115	176	****	236	40	0
1940	1341	2498	752	649	296	202	309	****	592	160	0
1941	1326	2507	757	672	394	150	179	****	250	93	0
1942	1346	2557	776	814	302	185	176	****	246	117	0
1943	1295	2533	812	892	282	116	164	****	238	117	0
1944	1254	2509	911	825	270	110	111	****	253	110	0
1945	1247	2545	869	883	281	133	43	****	264	95	0
1946	1239	2490	943	727	330	121	57	****	292	67	0
1947	1297	2551	915	782	339	119	40	****	321	77	0
1948	1301	2549	973	670	421	113	59	****	283	46	0
1949	1312	2560	999	646	493	58	53	****	288	73	0
1950	1250	2491	822	713	444	132	67	****	270	74	0
1951	1234	2541	911	679	452	111	105	51	175	40	0
1952	1207	2528	900	640	479	140	120	63	143	43	0
1953	1180	2476	945	630	474	109	119	108	97	18	0
1954	****	****	914	756	420	96	80	130	118	26	0
1955	1173	2483	909	753	427	87	79	93	153	26	0
1956	1182	2502	812	815	425	89	56	93	168	20	0
1957	1132	2480	787	867	456	102	43	122	163	0	0
1958	1123	2466	893	798	383	76	53	135	130	0	0
1959	1115	2471	1058	731	305	83	30	69	151	2	0
1960	1051	2429	1104	713	314	69	30	84	133	0	0
1961	1020	2456	885	748	303	59	64	75	310	0	205
1962	992	2428	919	754	275	50	34	91	307	0	195
1963	977	2422	953	740	281	49	29	80	285	0	148
1964	964	2420	1016	748	258	47	36	51	297	0	153
1965	937	2456	1073	740	201	40	18	56	294	0	161
1966	921	2425	1268	727	150	35	20	69	249	0	129
1967	906	2489	1224	729	159	26	21	74	208	2	91
1968	890	2474	1107	785	135	26	10	51	278	0	169
1969	850	2435	1076	808	138	28	18	63	332	0	210
1970	817	2460	1127	814	102	27	18	52	331	0	181
1971	804	2461	1194	781	110	25	14	50	328	0	209
1972	784	2503	1108	852	65	26	16	44	367	0	287
1973	775	2482	1205	1084	65	32	****	****	****	****	28

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ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1973. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. USDA

** NUMBER OF TREES X 100

**** MISSING DATA, OR INCOMPLETE RECORD

TABLE 5. SUMMARY OF FARM ACREAGE IN FORD

COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1483	2964	1188	155	756	137	202	****	353	5	0
1939	1483	2989	1085	283	668	150	229	****	356	1	0
1940	1463	2983	1035	284	627	229	256	****	357	13	0
1941	1490	3007	1058	303	702	170	285	****	319	47	0
1942	1463	3007	1076	425	647	163	281	****	305	81	0
1943	1436	3016	1139	441	610	184	259	****	303	67	0
1944	1371	2965	1222	424	586	195	214	****	309	69	0
1945	1356	2978	1206	378	627	186	213	****	298	60	0
1946	1357	2991	1229	309	658	204	272	****	256	37	0
1947	1356	2985	1225	331	635	207	297	****	222	38	0
1948	1347	2976	1266	282	675	182	280	****	231	147	0
1949	1359	2998	1306	271	707	167	276	****	222	44	0
1950	1351	2992	1078	380	695	229	302	****	237	39	0
1951	1333	3006	1162	301	640	249	313	25	187	37	0
1952	1302	2980	1183	314	626	248	314	42	178	30	0
1953	1309	2992	1219	321	610	254	308	72	162	15	0
1954	****	****	1163	413	604	237	293	86	162	19	0
1955	1296	2989	1175	475	617	210	292	81	149	23	0
1956	1317	3019	1028	590	587	232	297	71	256	27	0
1957	1282	3023	956	598	549	217	254	109	260	0	0
1958	1256	3014	966	689	507	202	251	77	272	0	0
1959	1215	2991	1191	579	459	196	216	78	210	0	0
1960	1178	2958	1289	633	398	187	219	42	190	0	0
1961	1166	2986	1009	763	299	184	177	55	461	0	249
1962	1140	2977	1003	746	294	174	169	65	456	0	259
1963	1089	2940	1091	732	308	171	166	61	409	0	198
1964	1055	2968	1135	804	260	150	141	89	349	0	211
1965	1019	2950	1253	873	158	128	101	81	348	0	191
1966	1001	2976	1386	848	164	115	93	48	333	0	159
1967	1000	3000	1419	915	24	88	61	38	281	0	92
1968	957	2969	1209	1056	22	69	45	43	391	0	224
1969	931	2970	1135	1095	101	61	45	64	411	0	273
1970	873	2949	1198	1087	81	64	31	52	462	1	228
1971	869	3005	1226	1130	74	63	24	54	416	0	211
1972	813	2936	1169	1133	50	50	22	34	440	0	313
1973	778	2934	1219	1313	53	44	****	****	****	****	48

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ILLINOIS STATE AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE. 1961-1973. PARTICIPATION SUMMARY OF THE SET ASIDE PROGRAM. USDA

** NUMBER OF TREES X 100

***** MISSING DATA, OR INCOMPLETE RECORD

TABLE 6. SUMMARY OF FARM ACREAGE IN MASON

COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	LOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1285	2993	784	51	912	137	157	****	631	133	0
1939	1254	3034	758	92	855	115	183	****	639	54	0
1940	1233	3003	667	90	809	160	199	****	643	46	0
1941	1246	3013	678	142	831	131	202	****	635	90	0
1942	1180	3017	695	264	730	118	222	****	732	131	0
1943	1227	3134	798	292	677	113	185	****	763	70	0
1944	1163	3065	876	274	709	119	192	****	592	91	0
1945	1135	3118	829	289	711	100	166	****	780	105	0
1946	1125	2375	908	231	699	128	172	****	865	83	0
1947	1136	3153	843	245	708	115	168	****	853	87	0
1948	1131	3038	927	242	772	121	156	****	888	82	0
1949	1146	3120	913	267	774	130	131	****	743	59	0
1950	1128	3103	783	381	737	169	136	****	741	47	0
1951	1100	3051	835	372	673	154	147	101	640	70	0
1952	1083	3050	885	404	666	171	125	104	582	33	0
1953	1108	3080	910	439	645	154	206	111	603	53	0
1954	****	****	851	521	573	162	195	142	627	43	0
1955	1069	3099	849	524	552	176	195	125	610	47	0
1956	1044	3056	787	576	549	154	196	124	641	43	0
1957	1027	3117	748	635	601	167	199	70	650	5	0
1958	960	3030	720	619	513	183	173	93	692	1	0
1959	967	3023	952	541	513	167	156	157	556	2	0
1960	952	3064	1021	563	484	123	130	100	583	1	0
1961	919	3040	742	639	442	105	144	89	782	1	246
1962	864	2961	766	644	433	117	146	84	794	1	242
1963	839	3000	858	635	737	111	97	89	736	1	171
1964	828	2986	872	651	424	101	90	83	732	1	196
1965	795	2961	868	643	363	100	66	134	653	1	242
1966	750	2844	928	626	270	88	64	83	739	0	232
1967	751	2995	996	676	297	75	66	122	618	1	131
1968	725	2983	946	711	349	75	47	78	599	0	203
1969	703	2879	950	753	336	64	41	59	735	0	261
1970	700	2976	985	751	302	56	50	63	698	0	253
1971	689	2955	1042	777	202	54	44	76	707	0	251
1972	653	2987	931	843	284	61	35	69	732	0	346
1973	642	2995	972	912	239	62	****	****	****	****	60

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** NUMBER OF TREES X 100

***** MISSING DATA, OR INCOMPLETE RECORD

TABLE 7. SUMMARY OF FARM ACREAGE IN MORGAN COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	LOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1956	3281	874	139	853	260	423	****	633	85	0
1939	1873	3284	830	217	739	230	412	****	732	87	0
1940	1889	3405	781	217	683	364	461	****	758	84	0
1941	1842	3413	781	357	692	305	316	****	820	132	0
1942	1773	3377	794	522	492	273	244	****	979	199	0
1943	1749	3412	870	598	466	220	254	****	932	163	0
1944	1773	3455	957	612	445	215	219	****	961	193	0
1945	1754	3433	858	719	478	156	171	****	994	148	0
1946	1715	3342	949	571	486	245	126	****	968	127	0
1947	1664	3368	939	609	450	173	134	****	1020	99	0
1948	1654	3379	946	535	587	208	136	****	943	95	0
1949	1678	3295	959	530	648	141	61	****	983	59	0
1950	1645	3333	828	613	566	273	72	****	991	47	0
1951	1589	3315	906	610	554	223	91	384	559	43	0
1952	1634	3324	916	587	571	222	81	866	98	50	0
1953	1612	3347	946	633	581	173	76	729	233	46	0
1954	****	****	940	669	493	198	133	806	103	61	0
1955	1510	3279	934	693	480	166	139	795	79	53	0
1956	1512	3283	867	773	455	186	92	786	142	48	0
1957	1502	3260	832	771	453	218	90	765	229	5	0
1958	1493	3314	871	745	436	172	100	740	231	3	0
1959	1489	3317	1002	677	397	146	79	768	144	3	0
1960	1384	3249	1097	668	359	166	123	702	140	2	0
1961	1316	3261	889	722	377	154	81	721	332	2	203
1962	1307	3278	877	737	347	148	67	650	410	5	220
1963	1237	3240	933	734	360	133	65	698	323	1	169
1964	1248	3249	942	725	331	123	48	648	334	0	189
1965	1193	3159	964	729	286	124	29	548	444	0	216
1966	1118	3128	1118	750	283	115	49	643	317	0	185
1967	1160	3196	1122	754	273	96	62	547	392	0	111
1968	1146	3279	1079	802	200	84	74	500	423	1	172
1969	1067	3199	1026	821	204	91	79	622	364	0	220
1970	1008	3205	1025	825	151	91	80	505	375	1	214
1971	899	2933	1055	877	126	93	73	452	366	0	249
1972	829	2746	799	745	91	78	72	441	350	0	334
1973	763	2581	941	888	91	94	****	****	****	****	51

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** NUMBER OF TREES X 100

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TABLE 8. SUMMARY OF FARM ACREAGE IN WARREN COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	FLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1815	3275	1204	174	484	270	242	****	809	35	0
1939	1772	3274	1114	219	452	261	269	****	866	29	0
1940	1743	3286	1046	258	397	383	331	****	784	35	0
1941	1686	3332	1086	290	468	287	237	****	850	51	0
1942	1645	3276	1071	386	386	343	293	****	699	50	0
1943	1659	3295	1176	319	422	289	158	****	822	47	0
1944	1644	3301	1288	306	367	317	287	****	749	45	0
1945	1614	3333	1222	279	168	288	175	****	874	46	0
1946	1628	3310	1199	243	496	311	124	****	926	47	0
1947	1681	3308	1186	255	480	292	185	****	892	36	0
1948	1650	3302	1259	216	550	231	80	****	960	33	0
1949	1650	3314	1230	187	616	240	108	****	926	42	0
1950	1657	3298	1074	209	568	364	107	****	944	28	0
1951	1616	3318	1130	183	545	332	158	613	305	32	0
1952	1618	3311	1157	167	532	329	236	627	216	24	0
1953	1632	3327	1199	184	548	312	235	715	110	29	0
1954	****	****	1160	195	541	377	233	693	127	30	0
1955	1617	3361	1173	193	539	364	234	686	135	33	0
1956	1579	3328	1138	271	504	375	174	720	155	47	0
1957	1550	3342	1205	269	508	327	190	708	144	2	0
1958	1512	3329	1238	214	480	319	172	707	170	2	0
1959	1448	3302	1397	156	438	302	190	659	151	1	0
1960	1410	3300	1464	150	389	322	137	632	140	0	0
1961	1342	3239	1297	250	336	263	153	605	336	2	181
1962	1314	3250	1304	247	315	280	157	589	373	0	228
1963	1301	3268	1386	235	326	269	164	610	314	0	165
1964	1268	3309	1440	248	279	270	159	516	378	0	184
1965	1217	3290	1523	276	217	225	115	575	306	0	178
1966	1194	3237	1741	252	247	204	146	519	294	2	144
1967	1202	3284	1651	276	7	192	93	549	258	0	85
1968	1167	3234	1500	396	5	177	94	494	360	0	223
1969	1114	3230	1422	443	188	169	98	498	415	0	268
1970	1070	3242	1492	437	177	176	79	579	472	0	24
1971	1109	3402	1434	527	155	156	84	530	439	0	230
1972	1057	3284	1380	577	119	149	85	532	428	0	355
1973	1014	3264	1477	746	110	173	****	****	****	****	72

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TABLE 9. SUMMARY OF FARM ACREAGE IN WOODFORD COUNTY 1938-1973*. ALL VALUES ARE IN 100S OF ACRES, EXCEPT AS NOTED.

YEAR	NUMBER OF FARMS	ACREAGE IN FARMS	CORN	SOYBEANS	SMALL GRAIN	ALL HAY	PLOWLAND PASTURED	OTHER PASTURE	OTHER LAND	FRUIT** TREES	SET ASIDE
1938	1878	3149	1107	77	742	193	193	****	667	147	0
1939	1857	3149	1037	127	663	200	182	****	718	97	0
1940	1831	3149	978	125	647	271	218	****	702	164	0
1941	1899	3165	989	151	693	248	244	****	675	160	0
1942	1903	3202	1024	318	631	343	189	****	692	186	0
1943	1859	3208	1106	260	601	237	213	****	654	199	0
1944	1827	3205	1195	283	582	250	196	****	652	235	0
1945	1805	3228	1173	241	639	243	189	****	666	225	0
1946	1761	3179	1160	216	632	254	191	****	649	178	0
1947	1768	3203	1183	229	623	240	186	****	677	160	0
1948	1756	3163	1204	198	691	200	161	****	647	141	0
1949	1724	3170	1220	180	727	208	181	****	633	122	0
1950	1661	3134	1075	228	709	264	207	****	616	103	0
1951	1653	3146	1102	203	657	287	213	228	383	77	0
1952	1668	3170	1133	204	644	304	158	477	208	57	0
1953	1679	3115	1179	235	622	294	198	415	176	72	0
1954	****	****	1109	291	606	300	220	413	171	73	0
1955	1648	3110	1116	293	580	290	167	433	182	70	0
1956	1653	3110	1034	380	569	282	200	366	203	73	0
1957	1622	3085	1116	392	523	295	167	363	224	14	0
1958	1531	3096	1159	424	480	277	135	438	185	8	0
1959	1526	3139	1355	359	415	257	110	327	252	3	0
1960	1462	3111	1471	366	362	230	97	332	208	2	0
1961	1426	3087	1214	519	276	197	108	275	480	11	236
1962	1401	3083	1217	522	256	192	99	292	504	19	252
1963	1384	3090	1314	493	263	194	79	354	371	8	178
1964	1359	3077	1414	519	226	183	99	278	383	13	160
1965	1355	3110	1466	551	139	155	69	308	338	10	167
1966	1286	3035	1599	521	149	135	61	302	323	10	153
1967	1256	3029	1647	573	37	113	37	262	337	17	82
1968	1233	3088	1467	678	33	95	40	216	456	0	217
1969	1191	3055	1354	708	93	99	52	256	458	7	294
1970	1146	3017	1431	686	80	89	38	226	533	0	234
1971	1148	3095	1471	729	70	86	23	217	448	0	215
1972	1096	3018	1348	787	60	84	29	203	469	0	325
1931	662	9900	5080	9080	570	860	****	****	****	1	461

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